

C

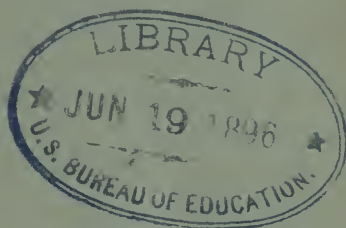
H181H

1894/95-1898/99



C  
81 H  
1894-95

Hamline, Minn.  
LIBRARY OF THE  
UNIVERSITY OF ILLINOIS dup 203'99  
m. s. p.



Hamline University,

1894-95.

JUN 7 1896





CATALOGUE

—OF—

HAMLIN UNIVERSITY

1894-'95.

---

HAMLIN, MINN.

# Calendar.

---

1895—September 17, *Tuesday*, Fall Term begins.

September 17, *Tuesday*, Entrance Examinations.

December 19-20, *Thursday-Friday*, Term Examinations.

December 20, *Friday*, Fall Term ends.

## VACATION OF TWO WEEKS.

1896—January 2, *Thursday*, Winter Term begins.

March 12-13, *Thursday-Friday*, Term Examinations.

March 13, *Friday*, Winter Term ends.

March 23, *Monday*, Spring Term begins.

May 18-19, *Monday Tuesday*, Senior Examinations.

May 31, *Sunday*, 10:30 A. M., Baccalaureate Sermon.

June 1, *Monday*, Entrance Examinations.

June 1-2, *Monday-Tuesday*, Term Examinations.

June 2, *Tuesday*, 3 P. M. Address before the United Literary Societies.

June 3, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.

June 3, *Wednesday*, 4 P. M., Class Day Exercises.

June 4, *Thursday*, 2 P. M., Annual Commencement.

# Corporation.

---

## TRUSTEES.

---

*Term Expires 1895.*

HON. H. R. BRILL, LL. D.,	ST. PAUL.
J. M. WILLIAMS, D. D. S.,	ROCHESTER.
HON. J. T. WYMAN,	MINNEAPOLIS.
S. S. THORPE, Esq.,	MINNEAPOLIS.
PROF. E. F. MEARKLE, LL. B.,	HAMLIN.
COL. PERRY HARRISON,	MINNEAPOLIS.

*Term Expires 1896.*

REV. CYRUS BROOKS, D. D.,	ST. PAUL.
ALFRED J. DEAN, Esq.,	MINNEAPOLIS.
B. F. NELSON, Esq.,	MINNEAPOLIS.
REV. W. A. SHANNON,	DULUTH.
HON. LEONIDAS MERRITT,	DULUTH.

*Term Expires 1897.*

REV. J. F. CHAFFEE, D. D.,	MINNEAPOLIS.
F. A. CHAMBERLAIN, Esq.,	MINNEAPOLIS.
HON. A. C. HICKMAN,	UNION PARK.
REV. G. H. BRIDGMAN, D. D.,	HAMLIN.
HON. W. H. EUSTIS,	MINNEAPOLIS.

*Term Expires 1898.*

BISHOP C. H. FOWLER, LL. D.,	MINNEAPOLIS.
HON. M. G. NORTON,	WINONA.
A. W. BRADLEY, Esq.,	DULUTH.
C. H. GRISWOLD, M. D.,	ST. PAUL.
REV. W. MCKINLEY, D. D.,	ST. PAUL.

## **CONFERENCE VISITORS.**

[Who are also ex-officio Trustees.]

---

### **MINNESOTA CONFERENCE.**

REV. H. C. JENNINGS, D. D.

REV. S. N. MCADOO,

REV. THOMAS HAMBLY,

REV. R. N. AVISON,

### **MINNESOTA NORTHERN.**

REV. E. S. PILLING,

REV. J. H. DEWART, D. D.

REV. J. M. THOBURN, D. D.,

---

## **OFFICERS OF THE BOARD.**

---

[Who are Executive Committee ex-officio.]

REV. J. F. CHAFFEE, D. D., *President.*

HON. M. G. NORTON, *First Vice-President.*

HON. J. T. WYMAN, *Second Vice-President.*

REV. E. S. PILLING, *Secretary.*

PROF. E. F. MEARKLE, LL. B., *Treasurer.*

## Faculty.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,

*Professor of Mental and Moral Science.*

REV. GEORGE S. INNIS, PH. D.,

*Professor of History.*

LOREN H. BATCHELDER, A. M.,

*Carrie A. Widstrand Professor of Chemistry and Physics.*

ERASTUS F. MEARKLE, LL. B.,

*Rebecca M. Harrison Professor of Mathematics.*

MILTON J. GRIFFIN, A. M.,

*Professor of the Greek Language and Literature.*

HENRY L. OSBORN, PH. D.,

*Professor of Biology and Geology.*

WILLIAM E. THOMPSON, A. M.,

*Professor of the Latin Language and Literature.*

---

*Modern Languages.*

ARTHUR Z. DREW, A. M.,

*Assistant Professor of Mathematics.*

ELLA S. GOLD,

*Acting Preceptress,*

E. E. McDERMOTT,

*Elocution.*

H. H. CLARK,

*Vocal Music.*

MRS. H. L. OSBORN,

*Piano.*

JEANETTE R. EVANS,

*Assistant in Elocution.*

R. P. KAIGHN,

*Physical Director.*

GEORGE S. INNIS, PH. D.,

*Librarian.*

# Students.

## College Department.

### SENIOR CLASS.

GUYBERT A. CAHOON,	<i>Blue Earth City.</i>
HESTER J. CLARK,	<i>Ortonville.</i>
MAUDE COGHLAN,	<i>Wood Lake.</i>
ALICE C. CRESSY,	<i>Stillwater.</i>
J. EDGAR DAVIS,	<i>Hamline.</i>
ELLA S. GOLD,	<i>Renville.</i>
MABEL C. GOLD,	<i>Renville.</i>
LAWRENCE E. GRIFFIN,	<i>Hamline.</i>
CHARLES S. HAWKER,	<i>Delano.</i>
JULIUS R. HITCHCOCK,	<i>Redwood Falls.</i>
SAMUEL W. KEMERER,	<i>Olivia.</i>
LIZZIE M. KIMBALL,	<i>Hamline.</i>
EDWARD H. MACKAY,	<i>Hamline.</i>
EDITH M. MONTGOMERY,	<i>Hamline.</i>
JENNIE B. MORGAN,	<i>Galva, Ill.</i>
CHARLES A. PATCHIN,	<i>Viola.</i>
EUGENE M. PHILLIPS,	<i>Hamline.</i>
CARRIE B. PRESTON,	<i>Rochester.</i>
MABEL E. STEWART,	<i>Caledonia.</i>
JENNIE A. VENNERSTROM,	<i>Battle Lake.</i>
JESSIE A. WALKER,	<i>Clark, S. D.</i>
EDWARD H. WALLACE,	<i>Drayton, N. D.</i>
WILLIAM H. WALLACE,	<i>Drayton, N. D.</i>

*JUNIOR CLASS.*

---

ARCHIE W. BROWN,	<i>Faribault.</i>
EDWIN A. COOKE,	<i>Reeds Landing.</i>
ELEANOR DILL,	<i>Prescott, Wis.</i>
SAMUEL W. DOUGLASS,	<i>Hamline.</i>
EDGAR M. DUNN,	<i>Hamline.</i>
ISAAC J. DUNN,	<i>Detroit.</i>
WM. P. DYER,	<i>Pipestone.</i>
GRACE A. JENNINGS,	<i>Marshall.</i>
JENNIE KIMBALL,	<i>Hamline.</i>
EDITH C. LASSELL,	<i>Etna.</i>
ALBERT R. LEACH,	<i>Hamline.</i>
WINONA LEWIS,	<i>Medford.</i>
EFFIE E. LINDSEY,	<i>Hamline.</i>
RAY B. MCLEAN,	<i>Prescott, Wis.</i>
H. H. SANDERSON,	<i>Hamline.</i>
LYMAN C. STOCKING,	<i>St. Joseph, Mo.</i>
NELLIE M. SYLVESTER,	<i>Plainview.</i>
ARTHUR H. TASKER,	<i>Hamline.</i>
HAROLD W. TEAGUE,	<i>Detroit.</i>
ARTHUR L. UMPLEBY,	<i>Hamline.</i>
EDNA M. U'REN,	<i>Hamline.</i>
O. S. VAIL,	<i>Fulda.</i>
INEZ R. WAHLER,	<i>Plainview.</i>



---

**SOPHOMORE CLASS.**

---

FRANCIS G. BARNES,	<i>Hamline.</i>
PEARL BENHAM,	<i>Red Wing.</i>
ALFRED G. CHADBOURNE,	<i>Redwood Falls.</i>
OWEN J. CLARK,	<i>Ortonville.</i>
NETTIE CLIFTON,	<i>Rochester.</i>
REBECCA F. COLYER,	<i>Morris.</i>
HARRY G. DOBNER,	<i>Lake City.</i>
GEO. R. DOUGLASS,	<i>Nowesta, N. D.</i>
RUTH I. FAUS,	<i>Montevideo.</i>
W. MORTIMER GRANT,	<i>Hamline.</i>
MAY R. HALL,	<i>Wood Lake.</i>
RALPH W. HEINS,	<i>Olivia.</i>
R. OSCAR LAWRASON,	<i>North Branch.</i>
ERNEST G. MARTIN,	<i>Hamline.</i>
JENNIE A. MAXWELL,	<i>Appleton.</i>
WILLIAM J. B. MOSES,	<i>Alexandria.</i>
ADOLPH P. NELSON,	<i>Hamline.</i>
EDWARD A. RICH,	<i>Hamline.</i>
JOHN L. SILVERNALE,	<i>Montevideo.</i>
FRANCIS N. SMITH,	<i>Hamline.</i>
PRUDENCE TASKER,	<i>Hamline.</i>
WILLIAM L. THURBER,	<i>Worthington.</i>
ERNEST H. WALLACE,	<i>Drayton, N. D.</i>
THOMAS H. WILKINSON,	<i>St. Peter.</i>

**FRESHMAN CLASS.**

---

CLINTON P. ABBOTT,	<i>St. Paul.</i>
ROY W. ALLIS,	<i>Oronoco.</i>
PAUL A. BARKULOO,	<i>Clear Water.</i>
WINIFRED W. BLOOMFIELD,	<i>Hamline.</i>
CLEMENT BOOS,	<i>Hamline.</i>
WALTER E. BOWERS,	<i>Rochester.</i>
HARRY R. BRIDGMAN,	<i>Buffalo, N. Y.</i>
WILLIAM B. BRIDGMAN,	<i>Smithville, Ontario, Canada.</i>
GUY L. CALDWELL,	<i>Farmington.</i>
EDWIN COGHLAN,	<i>Wood Lake.</i>
SILAS A. COOKE,	<i>Blue Earth City.</i>
ANNA L. COTTON,	<i>Nashua, Ia.</i>
HUGH CROSSEN,	<i>Wheatland, N. D.</i>
FRANK W. DOBBYN,	<i>St. Paul.</i>
NELLIE B. DOHERTY,	<i>Byron.</i>
WILLIAM M. EDMUNDS,	<i>Drayton, N. D.</i>
ARTHUR C. FAWCETT,	<i>Marion.</i>
MAY M. GRALING,	<i>Spring Valley.</i>
MINNA HALL,	<i>Minneapolis.</i>
ELDRIDGE L. HEATH,	<i>Mazeppa.</i>
BENJAMIN T. KEMERER,	<i>Olivia.</i>
GEORGE R. KINSMAN,	<i>Hamline.</i>
LOIS N. MARSH,	<i>St. Louis Park.</i>
GEORGE D. MONTGOMERY,	<i>Hamline.</i>
ANNA MOREHOUSE,	<i>Kasson.</i>
BYRON MORK,	<i>Wood Lake.</i>
LAURA A. MCCLAY,	<i>Montevideo.</i>
MABEL H. MCKINSTRY,	<i>Winnebago City.</i>
PAUL PETERSON,	<i>Lake Crystal.</i>
ELLA M. PROBST,	<i>Wabasha.</i>

---

WARREN W. RABEY,	<i>Medford.</i>
A. LAVERNE RICHARDSON,	<i>West Duluth.</i>
ELMER RICHARDSON,	<i>Drayton, N. D.</i>
EVA L. SHELDON,	<i>Kasson.</i>
ADRIA SHUCK,	<i>West Duluth.</i>
BERTRAM A. SHUMAN,	<i>Wichita, Kansas.</i>
AUSTIS C. STEBBINS,	<i>Kenyon.</i>
ROBERT W. TERRY,	<i>Slayton.</i>
CHESTER H. TETHER,	<i>Red Wing.</i>
HARRY M. WAGNER,	<i>Faribault.</i>
MAUDE E. WALLACE,	<i>Hamline.</i>
GEO. P. WATSON,	<i>Hamline.</i>
FERDINAND A. WENGER,	<i>Hamline.</i>
EDMUND M. WYLIE,	<i>Drayton N. D.</i>

---

**COLLEGE SPECIALS.**


---

GEO. P. BABCOCK,	<i>Hamline.</i>
ALBERT E. BOOTH,	<i>Hamline.</i>
MRS. CARRIE COCHRAN,	<i>St. Paul.</i>
SOPHIE E. CHICK,	<i>Hamline.</i>
EDWARD L. FERRIS,	<i>St. Paul.</i>
MARTHA G. FARRINGTON,	<i>Preston.</i>
ADELE FOSTER,	<i>Hector.</i>
MARIE L. FUNK,	<i>Hamline.</i>
GERTRUDE L. HARRIS,	<i>St. Paul.</i>
OCIE HAZZARD,	<i>Hamline.</i>
CHARLES A. HEINS,	<i>Olivia.</i>
NELLIE E. HUNTER,	<i>Merrill, Wis.</i>
RAYMOND P. KAIGN,	<i>Philadelphia, Pa.</i>
GEORGE B. KERFOOT,	<i>Hamline.</i>
ELLA J. LITTLE,	<i>Huron, S. D.</i>
CLARA MARTIN,	<i>Hamline.</i>
MARIE A. MILLER,	<i>Cumberland, Wis.</i>
GRACE D. MCKAIG,	<i>Hamline.</i>
ELEANOR T. PARK,	<i>Waterville.</i>
CARROLL E. PAYNE,	<i>Dexter.</i>
EDWARD G. PECK,	<i>Owatonna.</i>
EDITH M. E. PRIBBLE,	<i>Anoka.</i>
LOUIS M. PUFFER,	<i>Guelf, N. D.</i>
ELEANOR F. QUIGLEY,	<i>Bird Island.</i>
FRANCIS N. SCOTT,	<i>Drayton, N. D.</i>
DWIGHT W. STEBBINS,	<i>Kenyon.</i>
OLIVER J. STIRRATT,	<i>Prescott, Wis.</i>
HERMAN TAYLOR,	<i>Banon, Wis.</i>
GEORGE F. TENNEY,	<i>Hamline.</i>
ALBERT J. WALLACE,	<i>Hamline.</i>
FLORENCE L. WEBB,	<i>Hamline.</i>
GRACE G. WEBSTER,	<i>Owatonna.</i>
IDA WENGER,	<i>Hamline.</i>
PHILIP WELLINGTON,	<i>St. Paul.</i>
CHRISTIE A. WILLIAMS,	<i>Duluth</i>

---

## Courses of Study.

---

Three courses of study are open to the members of the University.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSE. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

## Requirements for Admission to the Freshman Class.

---

### CLASSICAL COURSE.

---

- LATIN:** Cæsar, Gallic War, Four Books.  
Virgil, Æneid, Four Books.  
Cicero, Five Orations.  
Latin Grammar, Allen and Greenough's or an equivalent.
- GREEK:** Xenophon, Anabasis, Three Books.  
Homer, Iliad, One Book.  
Greek Grammar, Goodwin's or an equivalent.
- MATHEMATICS:** Plane and Solid Geometry.  
Algebra, through Quadratic Equations, Wentworth's or an equivalent.
- ARITHMETIC:** Including the Metric System.
- ENGLISH:** English Grammar and Analysis.  
Orthography and Composition.
- HISTORY:** History of Rome.  
History of Greece.  
History of the United States.

***LATIN SCIENTIFIC COURSE.***

---

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

---

***ADVANCE STANDING.***

---

All candidates for advance standing are examined in the studies of the preparatory course and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

---

***REGISTRATION-DEFICIENT WORK.***

---

When a student shall have reached the Junior year of his college course, he shall first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any study in Junior year to the exclusion of a study not made up at that time which is pursued in the term for which he registers.

---

***EXAMINATION FOR ADMISSION.***

---

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class without examination.

# Courses of Instruction.

The figures indicate the hours per week.

Bible Study and Rhetorical Exercises are required throughout the four years.

## FRESHMAN YEAR.

### FIRST TERM.

LATIN.—Livy. 4.

MATHEMATICS.—Algebra, Wentworth's Complete. 5.

*Classical*.—GREEK, Herodotus. 5.

*Latin Scientific*.—TRENCH on Study of Words. 2.

“ “ ELEMENTARY ZOOLOGY. Protozoa and Coelenterata. 3 (afternoons.)

### SECOND TERM.

LATIN.—Livy. 4.

MATHEMATICS.—Plain and Spherical Trigonometry, Olney. 5.

*Classical*.—GREEK, Plato, *Apologia*. 5.

*Latin Scientific*.—TRENCH. 2.

“ “ ELEMENTARY ZOOLOGY. Echinoderms, Scoleids and Mollusks. 3.

### THIRD TERM.

LATIN.—Horace. 4.

MATHEMATICS.—Spherical Trigonometry completed. Analytical Geometry, Olney. 5.

*Classical*.—GREEK, Xenophon, *Memorabilia*. 5.

*Latin Scientific*.—TRENCH. 2.

“ “ ELEMENTARY ZOOLOGY. Annelids and Arthropods. 3.



**SOPHOMORE YEAR.****FIRST TERM.***Required.*

MATHEMATICS.—Mechanics, Peck. 4.

GERMAN OR FRENCH. 5.

*Electives.—Two to be taken,*LATIN.—Terence, Literature.  $2\frac{1}{2}$ .GREEK.—Demosthenes, De Corona.  $2\frac{1}{2}$ .CALCULUS.—Olney.  $2\frac{1}{2}$ .HISTORY.  $2\frac{1}{2}$ .**SECOND TERM.***Required.*

MATHEMATICS.—Mechanics completed. Physics, Ganot. 4.

GERMAN OR FRENCH. 5.

*Electives—Two to be Taken.*LATIN —Cicero's Lælius or Pliny's Letters; Literature.  $2\frac{1}{2}$ .GREEK.—Sophocles Œdipus Tyrannus.  $2\frac{1}{2}$ .CALCULUS.  $2\frac{1}{2}$ .HISTORY.  $2\frac{1}{2}$ .**THIRD TERM.***Required.*

MATHEMATICS.—Physics; Lectures. 4.

GERMAN OR FRENCH. 5.

*Electives—Two to be Taken.*LATIN.—Horace De Arte Poetica or Quintilian; Literature.  $2\frac{1}{2}$ GREEK.—Aristophanes, The Clouds.  $2\frac{1}{2}$ .MENSURATION AND SURVEYING.—Carhart.  $2\frac{1}{2}$ .HISTORY.  $2\frac{1}{2}$ .

**JUNIOR YEAR.****FIRST TERM**

RHETORIC AND ENGLISH LITERATURE.—4.

GERMAN.—2½.

HISTORY.—Government. 2½.

CHEMISTRY.—Remsen; Laboratory Practice. 3 (afternoons.)

PRACTICAL BIOLOGY.—The Animal and Plant Cell. 2 (afternoons.)

**SECOND TERM.**

ENGLISH LITERATURE.—Lectures; Historical and Critical Study of Authors. 4.

GERMAN.—2½.

HISTORY.—Government. 2½.

QUALITATIVE ANALYSIS.—Appleton. 3.

PRACTICAL BIOLOGY.—Vertebrate Anatomy. 2.

**THIRD TERM.**

*One Study May be Omitted.*

LOGIC.—McCosh. 3.

GERMAN.—Goethe. 3.

QUALITATIVE ANALYSIS.—Philosophy of Chemistry. 2.

POLITICAL ECONOMY.—3.

DESCRIPTIVE ASTRONOMY.—Young. 3.

PRACTICAL BIOLOGY.—Mammalian Histology. 2.

*Classical.*—GREEK, New Testament. 2.

*Latin Scientific.*—March's Latin Hymns or Lucretius or Tacitus. 2.

---

**SENIOR YEAR.****FIRST TERM.**

*One Study May be Omitted in Each Term.*

POLITICAL ECONOMY.—4.

HUMAN BODY.—Martin. 4.

PSYCHOLOGY.—4.

HISTORY.—Civilization. 4.

**SECOND TERM.**

HUMAN BODY; GEOLOGY.—4.

POLITICAL ECONOMY.—4.

HISTORY.—Civilization. 4.

MORAL SCIENCE.—Porter. 4.

CONSTITUTIONAL LAW.—Cooley. 2.

**THIRD TERM.**

NATURAL THEOLOGY.—Chadbourne; Lectures. 2.

EVIDENCES OF CHRISTIANITY.—Hopkins. 3.

INTERNATIONAL LAW.—3.

GEOLOGY.—4.

AMERICAN COMMON LAW.—Lectures. 3.

EDUCATION.—4.

An elective in quantitative Chemistry and Physics will be offered the Seniors during the year 1895-6.

## Remarks Upon the Courses of Study.

---

ALL the studies of the Freshman year are required, the students in the Classical course taking Greek, those in the Latin Scientific, Trench and Zoology. In the Sophomore year a choice is given between German and French. Of the four half studies made elective, the student is to choose two. Instead of the electives, which we hope will be added in the near future to the Junior and Senior years, the student is permitted to omit one of the studies in the course for the last four terms. But in all cases the student, having once chosen a line of work, is expected to adhere to it throughout the year.

### LATIN LANGUAGE AND LITERATURE.

Students in this department of college work are expected to have creditably completed the three years' preparatory work in Latin as laid down in this catalogue. This preparation is necessary for the profitable pursuit of the advanced study of the Roman tongue and literature. Livy's "pictured page" will illustrate during the first two terms of Freshman year the early legendary history of Rome and the most thrilling episodes in the Second Punic War. In the third term Horace will introduce the student to lyric poetry. Only the Odes and a few of the Satires will be read at this stage of the course, particular attention being paid to the study of the various metres and the rythmical reading of the Odes. All the Latin of Freshman year is required from the students both of the Classical and Latin Scientific courses.

In the Sophomore year Latin will be an elective. Terence will introduce the student to an earlier stage of the language, and his comedies will be studied the first term of the year. Cicero's philosophical writings will be read and discussed the second term. In the third term the study of Horace will be resumed. The *Ars Poetica* will be translated and analyzed with special reference to rhetorical criticism. Until electives have been provided for the Junior and Senior years, the authors read in Sophomore year will be at different times changed so that Plautus, Pliny, and Quintilian, or Juvenal, Lucretius, and Tacitus will be substituted for Terence, Cicero, and Horace.

In the last term of Junior year the study of the Latin hymns of the Christian church will form the principal part of the course. The Psalms and other poetical books of the Old Testament also will be read. Sight-reading will form an important part of this course. All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

Students who desire to do extra work in translation, to make additional studies of ancient life and customs, and to prosecute philological researches will be encouraged and aided by reference to the latest authorities on the subjects in which they are interested. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of some author or period, and lectures will be delivered or papers presented on the topics to be discussed.

#### GREEK LANGUAGE AND LITERATURE.

The language is studied during the second year of the preparatory course, with the aid of Frost's Greek Primer and Goodwin's Grammar. Emphasis is placed on accuracy in every particular throughout the entire course, so as to secure to the student the excellent mental discipline that comes from a critical study of the elements of the Greek language. The Gate to the Anabasis is used during the third term of this year. During the third year preparatory, the Anabasis and Hellenica are read; syntax being carefully studied in connection with the Anabasis.

In Freshman year the authors read vary from year to year. During the year 1895-6, the Odyssey will be read in the fall term, Herodotus in the winter term, and Lysias in the spring term. The grammar is studied more critically, accompanied with Greek composition. In connection with the Odyssey, careful attention is paid to scanning Epic forms, and the rythmical reading of the Greek. In this and the succeeding years accuracy, fluency, and elegance of translation are especially aimed at and an appreciation of the beauties of the works read. In Sophomore year, among the authors read are Thucydides, Demosthenes, Sophocles, Aristophanes, and

Plato (the *Phaedo*.) In the last term of the Junior year the Greek Testament is read critically. The History and Antiquities of Greece, with the history of its Literature, are studied as extensively as time will allow.

### MECHANICS AND PHYSICS.

These studies are pursued through the Sophomore year. The department is supplied with apparatus for the illustration of most of the important principles of physics.

### CHEMISTRY

Is pursued during the Junior year. Frequent experimental lectures are given, and the student performs the experiments for himself in the working laboratory. After a course in general Chemistry, Qualitative Analysis is taken up. Special students of sufficient general acquirements may enter the Chemistry classes. Instruction is largely individual, and every encouragement is given the student to enter upon a wider range of research. Both lecture rooms and working laboratories are fully supplied with apparatus and chemicals, additions being made as occasion requires.

### BIOLOGY.

FRESHMAN YEAR.—The Latin-Scientific Course requires Invertebrate Zoology on three days of each week of the college year. The purpose of this course is two-fold: first, to train students to the habits of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-water or land animals are selected as far as possible. Groups are taken up seriatim and several representative forms of every principal group are examined. The forms actually studied are such as *Amoeba*, *Euspongia*, *Hydra*, *Asterias*, *Strongylocentrotus*, *Unio*, *Ostraea*, *Lumbricus*, *Cambarus*, *Eupagurus*, *Pinnotheres*, *Cyclops*, *Branchippus*, *Caloptenus* and many others. The work is a course of lectures required to be reported by the students, of laboratory work on the animals referred to, or on some closely allied ones, and of frequent theses based both on dissections and on reading in the Goodrich Alcove of the library. There are fortnightly quizzes.

**JUNIOR YEAR.**—The course is required of all students for two terms, and is optional for the third term. It is a course chiefly of laboratory work on the principles of Biological Science. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large number of animal and plant cells by examination of Amoeba, Yeast, Protococcus, Penicillium, Spirogyra, Geranium Leaf, Paramæcium, Vorticella, Hydra, and other subjects. Then the conditions of cell-life are investigated on Yeast as a subject. The condition of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations. Then the anatomy, and, to some extent, the histology of the smelt, the salamander and the squirrel are investigated, with side readings and thesis writing on the results of the work. The third term is devoted to the study of Mammalian Histology. An opportunity is given to those desiring it to learn the methods of determining the names of plants. There is also given opportunity to those who intend later to pursue the study of medicine to acquire the methods of histological technique, and to do elementary work in bacteriology. The Freshman and Junior courses in biology are a ground for the student who intends to take a medical course later in his education.

**SENIOR YEAR.**—The course is a general one in the Physiology of the Mammalian Body. It is a half-year's one and is optional for Seniors and advanced special students. It is a study of anatomy and histology from actual specimens, and of the principles of physiology from lectures and readings, with some laboratory demonstrations.

In addition to the regular courses in biology additional work and special courses are arranged for those who are competent to pursue them, and the laboratory affords ample facilities for the benefit of such special students. All students using the laboratory are expected to pay a fee of \$1.50, or more, per term to cover the cost of materials. This is payable at the beginning of the term.

## GEOLOGY.

**SENIOR YEAR.**—The course in Geology occupies one-half a year.

It is optional with the Seniors. It consists of three courses, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul.

## NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for forty students at one time. There are twenty-five compound microscopes, and liberal supplies of dissecting instruments, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on. The museum is a very large apartment, being in fact the entire third story of Science Hall. It is gradually coming to have a very extensive collection for illustrating the lectures and other studies of the department, and is also an important factor in the general instruction of the student. It is open every day, and is largely visited. All the collections in the museum are serially arranged, and most of the specimens are named and to some extent they are described. The description of the specimens by type-written labels will be a very great aid to the usefulness of this department. The library has received, through the benevolence of Mr. C. G. Goodrich, of Minneapolis, the gift of \$1,000, to be used for the purchase of biological books. These have in part been purchased, and they now make it possible for students to gain an insight into biological literature when they are studying any of the subjects of the course.

## HISTORICAL AND POLITICAL SCIENCE.

The study of history is begun in the Sophomore year. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon



the board and giving the class the results of his investigations. The different historians are compared, the source of history investigated, and the progress in civilization especially noted.

The first and second terms of the Junior year is given to the study of the science of government, principally a comparative study of the Constitutions of the United States, Great Britain, France and Germany. Especial attention is given to a comparison of the different departments of government, the legislative, executive and judicial, and to a study of local government in Minnesota and other states. During the third term elementary political economy is studied as a preparation for the work of the Senior year.

The Senior year is devoted to the philosophy of history, special attention being paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and subjects are assigned for individual research upon which the students are expected to lecture before the class at least once each during the year.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. The third term is given to the great educators and their systems.

Political Economy is pursued during the Senior year, the first term being devoted to international trade, money and taxation, the second to the great sociological problems. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking and discussion, and are allowed a personal choice as to which side of the great economical questions they will take for treatment.

#### INTERNATIONAL LAW.

This subject is taken up the third term of the Senior year, the work being done by topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country, and to the questions at present awaiting decision between the United States and other nations.

#### BIBLE STUDY.

Each of the college classes devotes one recitation a week to Bible study. It is intended during the four years to take up each

of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

#### GERMAN.

It is not deemed wise in this department, owing to the time allotted to it, to attempt much more than to acquire the ability to pronounce the language with accuracy and fluency, and, with the aid of a lexicon, to translate standard works with ease. To this end the Sophomore year is devoted to a thorough study of the grammar, with abundant translation of exercises from German into English and from English into German. Deutsch's German Reader is also used, the shorter selections being committed to memory and used as material for easy conversation.

During the Junior year, such works as *Minna von Barnhelm*, by Lessing; *Wilhelm Tell*, and *Die Jungfrau von Orleans*, by Schiller; and *Hermann und Dorothea*, by Goethe, are read. The aim in the future will be to read also some of the more recent works.

#### FRENCH.

French is an alternate with German in the Sophomore year. Special students with sufficient mental drill will be admitted to the class. Thorough drill is given in grammatical forms, and by the end of the year students are able to read an ordinary French book with ease.

#### MUSIC.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used, besides others.

Certificates of ability will be given according to advancement in and completion of this course of study.

## Preparatory Department.

---

THE Preparatory Department, although separated in some respects from the College Department, is yet kept in vital connection with it. As far as possible its members have all the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

*THIRD YEAR.*

---

ELLEN M. ADAMS,	<i>Hamline.</i>
NORMAN BATDORF,	<i>Maple Plain.</i>
WILLIAM B. BUTTS,	<i>Hamline.</i>
J. C. COOKE,	<i>Reeds Landing.</i>
JESSIE H. EVANS,	<i>Hamline.</i>
FRANKIE HART,	<i>Prescott, Wis.</i>
LOUIE HART,	<i>Prescott, Wis.</i>
LENORA C. HART,	<i>Prescott, Wis.</i>
ARTHUR W. MARTIN,	<i>Hamline.</i>
RENNE W. SUTHERLAND,	<i>Minneapolis.</i>
ORVILLE S. TAYLOR,	<i>Pipestone.</i>
JAMES R. VAIL,	<i>Fulda.</i>
DAVID H. WHITNEY,	<i>St. Paul.</i>
WILLIAM W. YOUNG,	<i>Minneapolis.</i>

## SECOND YEAR.

JOHN G. ABBOTT,	<i>St. Paul.</i>
ROY H. BENHAM,	<i>Red Wing.</i>
MYRTLE F. BOTKIN,	<i>Hamline.</i>
HENRY O. CHRISTENSEN,	<i>Byron.</i>
CHARLES E. COLLETT,	<i>Canton.</i>
VERNA COLE,	<i>Hamline.</i>
NELLIE COVERDALE,	<i>Phoenix, Arizona.</i>
NINA V. CRIST,	<i>Hamline.</i>
ALICE G. DOHERTY,	<i>Byron.</i>
FANNIE E. DRUSE,	<i>Roscoe.</i>
EDNA H. EDWARDS,	<i>Hamline.</i>
ESSIE EDWARDS,	<i>Hamline.</i>
JOHN W. FRYKBERG,	<i>St. Paul.</i>
ALICE P. GRAHAM,	<i>Hamline.</i>
MIRIAM E. GRIFFIN,	<i>Hamline.</i>
GEORGE P. GROUT,	<i>Luverne.</i>
BESSIE A. HAMILTON,	<i>Cumberland, Wis.</i>
LYMAN A. HARRIS,	<i>Hamline.</i>
FRANCIS E. HIGGINS,	<i>West Duluth.</i>
HOMER C. INNIS,	<i>Hamline.</i>
GEORGE N. JENNINGS,	<i>Marshall.</i>
CURTIS M. JOHNSON,	<i>Rush City.</i>
ALTON P. JOHNSON,	<i>Claybank.</i>
S. BLANCHE KEMERER,	<i>Olivia.</i>
BENJAMIN D. LEMERY,	<i>Hamline.</i>
JOHN LETCHER,	<i>Cornwall, Eng.</i>
JOSIE LIBBEY,	<i>Red Wing.</i>
GEORGE H. MOFFITT,	<i>Hamline.</i>
CHARLES L. MOREHOUSE,	<i>Kasson.</i>
ROBERT A. MORRILL,	<i>Byron.</i>
ROBERT R. MCKAIG,	<i>Hamline.</i>
IDA M. NILES,	<i>Annandale.</i>

---

T. ARTHUR OLSON,	<i>Hamline.</i>
SOFUS PETERSON,	<i>Hamline.</i>
CLARENCE E. PETERSON,	<i>Olivia.</i>
BLANCHE C. POPE,	<i>Caledonia.</i>
ANDREW R. PROSSER,	<i>Greenland.</i>
JAMES P. QUIRK,	<i>Waterville.</i>
LUCY D. RICH,	<i>Hamline.</i>
BEATRICE L. RIDGWAY,	<i>Hamline.</i>
FLOY A. ROSSMAN,	<i>San Diego, Cal.</i>
LUCY SCOTT,	<i>Drayton, N. D.</i>
LILIAN SHANNON,	<i>Billings, Montana.</i>
FLORENCE W. SHAW,	<i>St. Anthony Park.</i>
GEORGE S. SIMONDS,	<i>Cresco, Ia.</i>
MINA L. SPEAR,	<i>Hamline.</i>
CHARLES A. SQUIRE,	<i>Hanley Falls.</i>
ALFRED C. STEUERNAGEL.	<i>Winona.</i>
NATHAN P. STIRRATT,	<i>Prescott, Wis.</i>
LUELLA S. TAYLOR,	<i>Pipestone.</i>
FRED TISDALE,	<i>Fordyce, Ont.</i>
JAMES A. VALENTINE,	<i>St. Anthony Park.</i>
JOHN W. VALLENTYNE,	<i>Hamline.</i>
MABEL A. WALLACE,	<i>Hamline.</i>
ORRIE J. WHITCOMB,	<i>Byron, Minn.</i>

*FIRST YEAR.*

WILLIAM E. ARGUE.	<i>Carlisle, N. D.</i>
ERNEST BRAZIL,	<i>Morton.</i>
MAYME BRAZIL,	<i>Morton.</i>
RUSSELL CARMAN,	<i>St. Paul.</i>
THOMAS M. CLIFTON,	<i>St. Thomas, N. D.</i>
HAMLINE E. CRIST,	<i>Hamline.</i>
JOHN W. CROFT,	<i>Logan.</i>
FRED H. DELGER,	<i>Cascade.</i>
CLARA L. FUNK,	<i>Hamline.</i>
HORACE P. HILLMAN,	<i>St. Paul.</i>
ALBERT W. HURLEY,	<i>Everett, Wash.</i>
A. E. JAMISON,	<i>Minneapolis.</i>
ROBERT C. JOHNSON,	<i>Tracy.</i>
EVA C. JOHNSON,	<i>Claybank.</i>
ROBERT KAEMMER,	<i>Albert Lea.</i>
JAMES H. KIRKPATRICK,	<i>West St. Paul.</i>
JOSIAH J. MANLEY,	<i>Hamline.</i>
WILLIAM J. MOFFAT,	<i>Carlisle. N. D.</i>
CLARENCE MYERS,	<i>Pleasant Grove.</i>
GERTRUDE MCKAIG,	<i>Hamline.</i>
IRVING R. MCKENNEY,	<i>North St. Paul.</i>
JOHN NORDHOLM,	<i>Minneapolis.</i>
EUGENE PARRY,	<i>Hamline.</i>
NETTIE PARRY,	<i>Hamline.</i>
WILLIE E. RISINGER,	<i>Olivia.</i>
LIDA S. ROOT,	<i>Hamline.</i>
CHARLES W. RYDER,	<i>Hamline.</i>
JOHN K. SAYER,	<i>Britton, S. D.</i>
LUVERNE SHAWVER,	<i>Luverne.</i>
BABE SHAWVER,	<i>Luverne.</i>
RALPH E. SHUMAN,	<i>Wichita, Kansas.</i>
CHARLES M. A. SMITH,	<i>Hamline.</i>
HARRY E. WIETHOFF,	<i>Seymour, Ind.</i>
EVIE S. WINSTON,	<i>Hamline.</i>
EDWARD T. WOOLDRIDGE	<i>Pleasant Grove.</i>
GRACE WURTS,	<i>Hamline.</i>

**SPECIAL STUDENTS.**

---

CARL J. ANDREEN,	<i>Minneapolis.</i>
GEORGE W. BARNES,	<i>Hamline.</i>
BLANCHE E. BELL,	<i>Faribault.</i>
NELLIE S. BORSHAM,	<i>St. Ansgar, Ia.</i>
GILBERT H. CUSHMAN,	<i>St. Paul.</i>
T. LEON EVERETT,	<i>Waterville</i>
HELEN A. HARTER,	<i>Renville.</i>
SADIE HARVEY,	<i>Drayton, N. D.</i>
FRANK ISBELL,	<i>Sunrise City.</i>
MAE I. JEWETT,	<i>Hamline.</i>
EMMA R. KOENIG,	<i>Plainview.</i>
CHARLES W. LUNDIN,	<i>Minneapolis.</i>
FRANK W. MORGAN,	<i>St. Paul.</i>
GEORGE E. PICKARD,	<i>Annandale</i>
MALSENSA E. SCHAFER,	<i>Owatonna.</i>
JOHN W. SWENSON,	<i>St. Paul.</i>
GERTRUDE WALTON,	<i>Omaha, Neb.</i>



# Courses of Instruction.

---

## FIRST YEAR.

---

### FIRST TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.—Allen and Greenough.

ELEMENTARY PHYSICS.—Gage.

### SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.

ELEMENTARY PHYSICS.

### THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.

ELEMENTARY PHYSIOLOGY.

RHETORICAL EXERCISES.—Compositions and Declamations weekly throughout the year.

---

## SECOND YEAR.

---

### FIRST TERM.

GEOMETRY.

LATIN.—Cæsar.

*Classical*.—GREEK GRAMMAR AND READER.—Goodwin, Moss.

*Latin Scientific*.—GENERAL HISTORY.

### SECOND TERM.

GEOMETRY.

LATIN.—Cæsar.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific* —GENERAL HISTORY.

**THIRD TERM.**

GEOMETRY.

LATIN—Cicero.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.

Latin Prose Composition throughout the year.

RHETORICAL EXERCISES.—Compositions and Declamations weekly throughout the year.

---

**THIRD YEAR.**

---

**FIRST TERM.**

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero. Latin Prose Composition.

*Classical*.—GREEK, Anabasis.

*Latin Scientific*—FRENCH.

**SECOND TERM.**

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil. Latin Prose Composition.

*Classical*.—GREEK, Anabasis.

*Latin Scientific*.—FRENCH.

**THIRD TERM.**

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

*Classical*.—GREEK, Iliad.

*Latin Scientific*.—FRENCH.

## Department of Elocution.

---

MYRTLE F. BOTKIN,	<i>Hamline.</i>
GUYBERT A. CAHOON,	<i>Blue Earth City.</i>
SOPHIE E. CHICK,	<i>Hamline.</i>
REBECCA F. COLYER,	<i>Morris.</i>
EDWIN A. COOKE,	<i>Reeds Landing.</i>
J. EDGAR DAVIS,	<i>Hamline.</i>
ISAAC J. DUNN,	<i>Detroit.</i>
WILLIAM P. DYER,	<i>Pipestone.</i>
MARTHA G. FARRINGTON.	<i>Preston.</i>
MABEL C. GOLD.	<i>Renville.</i>
MARY M. GRALING,	<i>Spring Valley.</i>
CHARLES S. HAWKER,	<i>Delano.</i>
RALPH W. HEINS,	<i>Olivia.</i>
JULIUS R. HITCHCOCK,	<i>Redwood Falls.</i>
GRACE A. JENNINGS,	<i>Marshall.</i>
MAE I. JEWETT,	<i>Hamline.</i>
BENJAMIN T. KEMERER,	<i>Olivia.</i>
SAMUEL W. KEMERER,	<i>Olivia.</i>
EDITH C. LASSELL,	<i>Etna.</i>
ALBERT R. LEACH,	<i>Hamline.</i>
LAURA A. MCCLAY,	<i>Montevideo.</i>
EDWARD H. MACKAY,	<i>Hamline.</i>
MABEL H. MCKINSTRY,	<i>Winnebago City.</i>
RAY B. MCLEAN,	<i>Prescott, Wis.</i>
EDITH MONTGOMERY,	<i>Hamline.</i>

ADOLPH P. NELSON,	<i>Hamline.</i>
EUGENE M. PHILLIPS,	<i>Hamline.</i>
CARRIE B. PRESTON,	<i>Rochester.</i>
EDITH M. E. PRIBBLE,	<i>Anoka.</i>
EDWARD A. RICH,	<i>Hamline.</i>
H. H. SANDERSON,	<i>Hamline.</i>
BABE SHAWVER,	<i>Luverne.</i>
EVA L. SHELDON,	<i>Kasson.</i>
NELLIE M. SYLVESTER,	<i>Plainview.</i>
JENNIE A. VANNERSTROM,	<i>Battle Lake.</i>
MABEL A. WALLACE,	<i>Hamline.</i>
WILLIAM H. WALLACE,	<i>Drayton, N. D.</i>
GEO. H. WELLS,	<i>Hamline.</i>
THOMAS H. WILKINSON,	<i>St Peter.</i>

## Department of Music.

---

PEARL BENHAM,	<i>Red Wing.</i>
REBECCA F. COLYER.	<i>Morris.</i>
ELEANOR EATON,	<i>Hamline.</i>
FERNA FLINT,	<i>Hamline.</i>
MARGARET E. FOWLER,	<i>Faribault.</i>
SADIE HARVEY,	<i>Drayton, N. D.</i>
BESSIE A. HAMILTON,	<i>Cumberland, Wis.</i>
CHARLES A. HEINS,	<i>Olivia.</i>
MYRTIA HOPKINS,	<i>Hamline.</i>
MAE I. JEWETT,	<i>Hamline.</i>
EMMA R. KOENIG,	<i>Plainview.</i>
LOIS N. MARSH,	<i>St. Louis Park.</i>
MARIE A. MILLER,	<i>Cumberland, Wis.</i>
GEORGE D. MONTGOMERY,	<i>Hamline.</i>
JENNIE B. MORGAN,	<i>Galva, Ill.</i>
MRS. E. E. MCCREA,	<i>St. Paul.</i>
BLANCHE C. POPE,	<i>Caledonia.</i>
EDITH M. E. PRIBBLE,	<i>Anoka.</i>
MALVENA E. SCHAFER,	<i>Owatonna.</i>
FLORENCE W. SHAW,	<i>St. Anthony Park.</i>
AUSTIS C. STEBBINS,	<i>Kenyon.</i>
NATHAN P. STIRRATT,	<i>Prescott, Wis.</i>
ETHEL L. STOWE,	<i>Brownsdale.</i>
NELLIE M. SYLVESTER,	<i>Plainview.</i>
JESSIE A. WALKER,	<i>Clark, S. D.</i>

## Summary of Students.

### COLLEGE OF LIBERAL ARTS.

Senior Class.....	23
Junior Class.....	23
Sophomore Class.....	24
Freshman Class.....	44
Special .....	36
	— 150

### PREPARATORY DEPARTMENT.

Third Year.....	14
Second Year.....	54
First Year.....	36
Special.....	19
	— 123
Musical Department.....	25
Department of Elocution.....	39
	—
	337
Counted Twice .....	55
	—
Total Enrollment.....	282

---

## General Information.

---

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Great Northern or by the Electric Railway.

### MUSIC.

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course in music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

### PAINTING AND DRAWING.

Instruction under the most competent direction will be given to those who wish to take lessons in Oil Painting and Drawing.

### ELOCUTION AND ORATORY.

This department is under the charge of Prof. E. E. McDermott, M. S. Its aim is to enable a student to correctly interpret and truthfully present the best things in literature. His strong points are rapidly developed, his mannerisms promptly corrected. Students are encouraged to avail themselves of the advantages offered in this department.

### BOOK-KEEPING.

To accommodate young men intending to enter business life, instruction will be given in Book-keeping during the Fall and Winter Terms. Students in any year may enter this department.

### LIBRARY.

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The Library is open daily from 2:35 P. M. until 5:00 P. M. It is free to all students,

and they are aided in consulting it by the Librarian and other members of the Faculty. The Library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day.

#### GYMNASIUM.

The Gymnasium is well equipped and provides all the students with ample opportunities for physical exercise.

#### LADIES' HALL.

The rooms in Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher; all other articles students will provide for themselves. Occupants of rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

#### BOARDING HALL AND BOARD IN PRIVATE FAMILIES.

The Dining Hall is in the basement of Ladies' Hall. Young ladies from a distance will be required to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President, obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

#### EXPENSES OF BOARDING AND WASHING.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces).....	\$2.75
Gentlemen, per week.....	2.75
Washing and ironing, per dozen.....	.50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.



The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.

### EXPENSES.

Tuition, per term, College Classes.....	\$10.00
Tuition, per term, Preparatory Classes.....	8.00
Incidentals, per term, all classes.....	2.00
Chemical Laboratory fee, per term.....	2.00
Biological Laboratory fee, per term.....	1.00
Apparatus broken by the student will be charged to his account.	
Vocal Music, per term, in classes.....	2.00
Instruction on piano or organ, payable by the term, per lesson of one-half hour.....	1.00
Use of piano or organ, one hour daily, per term.....	2.50
Instruction in Art, payable by the term, per lesson.....	1.00
Text-books, per year.....	\$10.00 to 15.00

### ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals.....	\$30.00	\$36.00
Room rent, fuel and light.....	36.00	36.00
Board, thirty-six weeks.....	90.00	90.00
Washing and ironing, twelve pieces per week....	18.00	18.00
Books and stationery, about.....	12.00	12.00
Minimum.....	\$186.00	\$192.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and drawing, being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced.

Tuition, incidentals, music and art lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

### SOCIETIES.

There are four Literary Societies in connection with the University. The Philomathean and Amphietyon composed of gentlemen, and the Browning and Athenæan composed of ladies.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

### RELIGIOUS SERVICES.

Students are required to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.

### RECORD AND EXAMINATIONS.

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

---

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a baccalaureate degree from this University, or from one having an equivalent curriculum.

2nd. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3rd. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and before the degree is conferred, an additional fee of \$5.00 will be charged.

## INDEX.

Admission.....	14	Geology.....	24
Advanced Standing.....	15	Gymnasium.....	40
Biology.....	22	Ladies' Hall. . . . .	40
Board.....	40	Laundry.....	40
Book-keeping.....	39	Library.....	39
Calendar.....	2	Location.....	39
Chemistry.....	22	Music.....	26, 39
Conference Visitors.....	4	Museum.....	24
Corporation.....	3	Officers of the Board.....	4
Courses of Instruction.....		Painting and Drawing.....	39
.....	16, 20, 33	Preparatory Department....	27
Degrees.....	42	Religious Services.....	42
Elocution.....	39	Rooms.....	40
Examinations.....	42	Societies.....	42
Executive Committee.....	4	Students.....	7, 28, 35
Expenses.....	41	Summary of Students... .	38
Faculty.....	5	Trustees.....	3
General Information.....	39		





114  
1915/96

UNIVERSITY OF ILLINOIS  
NOV 20 1918  
Administrative Library

# Hamline University

1895-96 ✓

UNIVERSITY OF ILLINOIS LIBRARY





# Catalogue

—OF—

## HAMLIN UNIVERSITY

College of Liberal Arts.

College of Medicine.

College of Theology.

1895-'96.

---

HAMLIN, MINN.

# Calendar.

---

1896—September 15, *Tuesday*, Fall Term begins.

September 15, *Tuesday*, Entrance Examinations.

December 17-18, *Thursday-Friday*, Term Examinations.

VACATION OF TWO WEEKS.

1897—January 5, *Tuesday*, Winter Term begins.

March 18-19, *Thursday-Friday*, Term Examinations.

March 19, *Friday*, Winter Term ends.

March 29, *Monday*, Spring Term begins.

May 24-25, *Monday-Tuesday*, Senior Examinations.

June 6, *Sunday*, 10:30 A. M., Baccalaureate Sermon.

June 7, *Monday*, Entrance Examinations.

June 7-8, *Monday-Tuesday*, Term Examinations.

June 8, *Tuesday*, 3 P. M., Address before the United Literary Societies.

June 9, *Wednesday*, Alumni Day.

June 9, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.

June 9, *Wednesday*, 4 P. M., Class Day Exercises.

June 10, *Thursday*, 2 P. M., Annual Commencement.

# Corporation.

---

## TRUSTEES.

---

### *Term Expires 1896.*

REV. CYRUS BROOKS, D. D.,	ST PAUL.
ALFRED J. DEAN, Esq.,	MINNEAPOLIS.
B. F. NELSON, Esq.,	MINNEAPOLIS.
REV. W. A. SHANNON,	DULUTH.
HON. LEONIDAS MERRITT,	DULUTH.

### *Term Expires 1897.*

REV. J. F. CHAFFEE, D. D.,	MINNEAPOLIS.
F. A. CHAMBERLAIN, Esq.,	MINNEAPOLIS.
HON. A. C. HICKMAN,	UNION PARK.
REV. G. H. BRIDGMAN, D. D.,	HAMLIN.
HON. W. H. EUSTIS,	MINNEAPOLIS.

### *Term Expires 1898.*

BISHOP C. H. FOWLER, LL. D.,	MINNEAPOLIS.
HON. M. G. NORTON,	WINONA.
A. W. BRADLEY, Esq.,	DULUTH.
C. H. GRISWOLD, M. D.,	ST. PAUL.
REV. W. MCKINLEY, D. D.,	ST. PAUL.

### *Term Expires 1899.*

HON. H. R. BRILL, LL. D.,	ST. PAUL.
HON. J. T. WYMAN,	MINNEAPOLIS.
S. S. THORPE, Esq.,	MINNEAPOLIS.
PROF. E. F. MEARKLE, LL. B.,	HAMLIN.
COL. PERRY HARRISON,	MINNEAPOLIS.
HON. JAMES QUIRK,	MINNEAPOLIS.

## CONFERENCE VISITORS.

---

### MINNESOTA CONFERENCE.

[Who are also ex-officio Trustees.]

REV. F. B. COWGILL, A. M.

REV. J. F. STOUT, A. M.

REV. F. A. CONE, A. M.

REV. E. P. ROBERTSON, A. M.

REV. R. C. GROSE, A. M.

REV. F. P. HARRIS,

REV. E. G. SANDERSON.

### NORTHERN MINNESOTA.

REV. E. L. WATSON, A. M.

REV. C. M. HEARD, D. D.

REV. M. S. HUGHES, A. M.

REV. C. W. LAWSON, A. M.

REV. PETER CLARE, A. M.

---

## OFFICERS OF THE BOARD.

---

[Who are Executive Committee ex-officio.]

---

REV. J. F. CHAFFEE, D. D., *President.*

HON. M. G. NORTON, *First Vice-President.*

HON. J. T. WYMAN, *Second Vice-President.*

REV. F. B. COWGILL, *Secretary.*

PROF. E. F. MEARKLE, LL. B., *Treasurer.*

College of Liberal Arts.

## Faculty.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,

*Professor of Mental and Moral Science.*

LOREN H. BATCHELDER, A. M., Dean,

*Carrie A. Widstrand Professor of Chemistry and  
Physics.*

REV. GEORGE S. INNIS, PH. D.,

*Professor of History.*

ERASTUS F. MEARKLE, LL. B.,

*Rebecca M. Harrison Professor of Mathematics.*

MILTON J. GRIFFIN, A. M.,

*Professor of Greek and Modern Languages.*

HENRY L. OSBORN, PH. D.,

*Professor of Biology and Geology.*

WILLIAM E. THOMPSON, A. M.,

*Professor of the Latin Language and Literature.*

ARTHUR Z. DREW, A. M.,

*Assistant Professor of Mathematics.*

JULIA LOAG,

*Preceptress and Professor of English Literature.*

ELLA S. GOLD,

*Acting Preceptress (1895-'96).*

---

EDWARD E. McDERMOTT, M. S.,

*Elocution.*

MRS. HENRY L. OSBORN,

*Piano.*

WILLIAM H. CLARK,

*Vocal Music.*

CHARLES DE LACY,

*Vocal Music and Chorus.*

J. A. VAN DYKE,

*Lecturer on Pedagogics.*

RAYMOND P. KAIGHN,

*Physical Director.*

HENRY H. SAUNDERSON,

*Assistant in Chemical Laboratory.*

ALBERT R. LEACH,

*Assistant in Biological Laboratory.*

GEORGE S. INNIS, PH. D.,

*Librarian.*

# Collegiate Department.

---

## Students.

---

### SENIOR CLASS.

---

ARCHIE W. BROWN,	<i>Faribault.</i>
EDWIN A. COOKE,	<i>Reed's Landing.</i>
ELEANOR DILL,	<i>Prescott, Wis.</i>
EDGAR M. DUNN,	<i>Hamline.</i>
ISAAC J. DUNN,	<i>Detroit.</i>
WILLIAM P. DYER,	<i>Pipestone.</i>
GRACE A. JENNINGS,	<i>Mankato.</i>
JENNIE KIMBALL,	<i>Hamline.</i>
EDITH C. LASSELL,	<i>Etna.</i>
ALBERT R. LEACH,	<i>Hamline.</i>
WINONA LEWIS,	<i>Hamline.</i>
EFFIE E. LINDSEY,	<i>Hamline.</i>
RAY B. MCLEAN,	<i>Prescott, Wis.</i>
CLARA MARTIN,	<i>Hamline.</i>
HENRY H. SAUNDERSON,	<i>Hamline.</i>
FRANK N. SCOTT,	<i>Drayton, N. D.</i>
LYMAN C. STOCKING,	<i>St. Joseph, Mo.</i>
NELLIE M. SYLVESTER,	<i>Plainview.</i>
ARTHUR H. TASKER,	<i>Hamline.</i>
HAROLD W. TEAGUE,	<i>Detroit.</i>
ARTHUR L. UMPLEBY,	<i>Hamline.</i>
EDNA M. U'REN,	<i>Hamline.</i>
ORA S. VAIL,	<i>Fulda.</i>
INEZ R. WAHLER,	<i>Plainview.</i>
ALBERT J. WALLACE,	<i>Hamline.</i>



---

JUNIOR CLASS.

---

FRANCIS G. BARNES,	<i>Randolph.</i>
PEARL BENHAM,	<i>Red Wing.</i>
WILLIAM B. BRIDGMAN,	<i>Winona, Ontario, Canada.</i>
ALFRED D. CHADBOURNE,	<i>Redwood Falls.</i>
OWEN J. CLARK,	<i>Clinton.</i>
REBECCA F. COLYER,	<i>Morris.</i>
HARRY G. DOBNER,	<i>Lake City.</i>
RUTH I. FAUS,	<i>Montevideo.</i>
W. MORTIMER GRANT,	<i>Hamline.</i>
MAY R. HALL,	<i>Wood Lake.</i>
ADELBERT R. LYMAN,	<i>Redwood Falls.</i>
ERNEST G. MARTIN,	<i>Hamline.</i>
JENNIE A. MAXWELL,	<i>Appleton.</i>
ADOLPHUS P. NELSON,	<i>Hamline.</i>
ELEANOR T. PARK,	<i>Waterville.</i>
EDWARD A. RICH,	<i>Hamline.</i>
FRANCIS N. SMITH,	<i>Hamline.</i>
PRUDENCE TASKER,	<i>Hamline.</i>
WILLIAM L. THURBER,	<i>Worthington.</i>
ERNEST H. WALLACE,	<i>Drayton, N. D.</i>
THOMAS H. WILKINSON,	<i>St. Peter.</i>

SOPHOMORE CLASS.

---

PAUL A. BARKULOO,	<i>Clear Water.</i>
WALTER E. BOWERS,	<i>Rochester.</i>
GUY L. CALDWELL,	<i>Farmington.</i>
EDWIN R. COGHLAN, *	<i>Wood Lake.</i>
SILAS A. COOK,	<i>Blue Earth City.</i>
ANNA L. COTTON,	<i>Nashua, Ia.</i>
HUGH CROSSEN,	<i>Wheatland, N. D.</i>
WILLIAM M. EDMUNDS,	<i>Drayton, N. D.</i>
ARTHUR C. FAWCETT,	<i>Marion.</i>
LAURA A. MCCLAY,	<i>Montevideo.</i>
MABEL H. MCKINSTRY,	<i>Winnebago City.</i>
GEORGE D. MONTGOMERY,	<i>Hamline.</i>
BYRON MORK,	<i>Wood Lake.</i>
PAUL PETERSON,	<i>Lake Crystal.</i>
WARREN W. RABEY,	<i>Medford.</i>
A. LA VERNE RICHARDSON,	<i>West Duluth.</i>
ELMER RICHARDSON,	<i>Drayton, N. D.</i>
CHARLES E. SCOFIELD,	<i>Ortonville.</i>
EVA L. SHELDON,	<i>Kasson.</i>
ADRIA SHUCK,	<i>West Duluth.</i>
BERTRAM A. SHUMAN,	<i>Wichita, Kansas.</i>
ANSTIS C. STEBBINS,	<i>Kenyon.</i>
ROBERT W. TERRY,	<i>Slayton.</i>
CHESTER H. TETHER,	<i>Red Wing.</i>
MAUDE E. WALLACE,	<i>Hamline.</i>
EDMUND M. WYLIE,	<i>Drayton, N. D.</i>

---

FRESHMAN CLASS.

---

ELLEN M. ADAMS,	<i>Hamline.</i>
LULU F. ALLEN,	<i>Dundas.</i>
EARL T. ATHA,	<i>Ortonville.</i>
NORMAN BATDORF,	<i>Maple Plain.</i>
WINIFRED W. BLOOMFIELD,	<i>Hamline.</i>
WILLIAM B. BUTTS,	<i>Hamline.</i>
D. KNOX CALDWELL,	<i>Farmington.</i>
J. FRANKLIN CAMPBELL,	<i>Detroit.</i>
WALLACE H. CARVER,	<i>Grand Junction, Colo.</i>
ORA E. DACK,	<i>Stanton.</i>
JESSIE H. EVANS,	<i>Hamline.</i>
MAY C. FLUKE,	<i>Farmington.</i>
FRANKIE HART,	<i>Prescott, Wis.</i>
LENORA C. HART,	<i>Prescott, Wis.</i>
LOUIE HART,	<i>Prescott, Wis.</i>
WM. E. JUDSON,	<i>Medford.</i>
FLOYD A. LAWSON,	<i>Hamline.</i>
LILLIE B. LAUVER,	<i>Red Wing.</i>
LEONA LEWIS,	<i>Medford.</i>
LILLIAN LINK,	<i>Marshall.</i>
ARTHUR W. MARTIN,	<i>Hamline.</i>
LEWIS H. MERRITT,	<i>Oneota.</i>
LUCIAN MERRITT,	<i>West Duluth.</i>
WALTER M. OBER,	<i>Duluth.</i>
T. ARTHUR OLSEN,	<i>Hamline.</i>
BEATRICE L. RIDGWAY,	<i>Hamline.</i>
RENNE W. SUTHERLAND,	<i>Minneapolis.</i>
FRED H. TAYLOR,	<i>Hamline.</i>

ERNEST L. WALLACE,  
LEWIS H. WALLACE,  
ETHEL I. WELD,  
ADA E. WESTFALL,  
EDNA M. WESTFALL,  
DAVID H. WHITNEY,  
BLANCHE WILLIAMS,  
WM. W. YOUNG,

*Tracy.*  
*Drayton, N. D.*  
*Windom.*  
*Redwood Falls.*  
*Redwood Falls.*  
*St. Paul.*  
*Mankato.*  
*Minneapolis.*

## COLLEGE SPECIALS.

---

ELEANOR ARMSTRONG,	<i>Chatfield.</i>
GEORGE P. BABCOCK,	<i>Hamline.</i>
ROY H. BENHAM,	<i>Red Wing.</i>
LULU A. BROWN,	<i>Red Wing.</i>
HORACE B. CILLEY,	<i>Minneapolis.</i>
NETTIE CLIFTON,	<i>Rochester.</i>
FRED COLEMAN,	<i>Dodge Center.</i>
JOHN C. COOKE,	<i>Reed's Landing.</i>
CLYDE N. DARLING,	<i>Rochester.</i>
BLANCH B. DONAHUE,	<i>Mason City, Ia.</i>
D. ESTELLE EDWARDS,	<i>Hamline.</i>
ADELE FOSTER,	<i>Hector.</i>
JOHN V. HAWK,	<i>Castle Rock.</i>
FRED W. HILL,	<i>Round Head, Ontario, Canada.</i>
JENNIE L. HODGMAN,	<i>Winnebago City.</i>
MAE I. JEWETT,	<i>Hamline.</i>
CURTIS M. JOHNSON,	<i>Rush City.</i>
R. P. KAIGHN,	<i>Philadelphia, Pa.</i>
BENJAMIN T. KEMERER,	<i>Springfield.</i>
GEORGE B. KERFOOT,	<i>Hamline.</i>
ARTHUR A. KING,	<i>Welcome.</i>
GEORGE R. KINSMAN,	<i>Hamline.</i>
ALDEN J. LAIDLAW,	<i>Wood Lake.</i>
MRS. E. I. LAWRASON,	<i>Hamline.</i>
R. OSCAR LAWRASON,	<i>Hamline.</i>
LOIS N. MARSH,	<i>St. Louis Park.</i>
CHARLES W. MOSES,	<i>Alexandria.</i>

*RAE I. MOUSER,	<i>Huron, S. D.</i>
MABEL T. MURRAY,	<i>Audubon.</i>
ELIZABETH OLSON,	<i>Afton.</i>
CARROLL E. PAYNE,	<i>Dexter.</i>
GRACE L. PEAK,	<i>Hamline.</i>
EDITH M. E. PRIBBLE,	<i>Hamline.</i>
LEWIS M. PUFFER,	<i>Guelph.</i>
CHARLES A. SQUIRE,	<i>Hanley Falls.</i>
OLIVER J. STIRRATT,	<i>Prescott, Wis.</i>
LUELLA S. TAYLOR,	<i>Pipestone.</i>
ORVILLE S. TAYLOR,	<i>Pipestone.</i>
GEORGE E. F. TENNEY,	<i>Hamline.</i>
JAMES R. VAIL,	<i>Fulda.</i>
F. S. WADDINGTON,	<i>Herman.</i>
HARRY M. WAGNER,	<i>Faribault.</i>
GEORGE P. WATSON,	<i>Hamline.</i>
FERDINAND A. WENGER,	<i>Hamline.</i>
IDA WENGER,	<i>Hamline.</i>
WM. M. WIGHAM,	<i>North St. Paul.</i>
CHRISTIE A. WILLIAMS,	<i>Duluth.</i>
ADAM WINTER,	<i>St. Paul</i>

---

\*Deceased.

## Courses of Study.

---

Three courses of study are open to the members of the College of Liberal Arts.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSES. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

## Requirements for Admission to the Freshman Class.

---

### CLASSICAL COURSE.

---

- LATIN: Cæsar, Gallic War, four books.  
Virgil, Æneid, four books.  
Cicero, Five Orations.  
Latin Grammar, Allen and Greenough's or an equivalent.
- GREEK: Xenophon, Anabasis, three books.  
Homer, Iliad, one book.  
Greek Grammar, Goodwin's or an equivalent.
- MATHEMATICS: Plane and Solid Geometry.  
Algebra, through Quadratic Equations, Wentworth's or an equivalent.
- ARITHMETIC: Including the Metric System.
- ENGLISH: English Grammar and Analysis.  
Orthography and Composition.
- HISTORY: History of Rome.  
History of Greece.  
History of the United States.
- 

### LATIN SCIENTIFIC COURSE.

---

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology, General History and French.



### EXAMINATION FOR ADMISSION.

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

### RECORD AND EXAMINATIONS.

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

### ADVANCE STANDING.

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

### REGISTRATION—DEFICIENT WORK.

When a student shall have reached the Junior year of his College Course, he shall first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any study in Junior year to the exclusion of a study not made up at that time which is pursued in the term for which he registers.

### DEGREES.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2nd. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3rd. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and, before the degree is conferred an additional fee of \$5.00 will be charged.

## Course of Study by Departments.

---

### LATIN.

COURSE A.—Livy, Books I and XXI, four times a week for two terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—Horace, four times a week for the Spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rythmical reading of the odes. Required of all Freshmen.

COURSE C.—Sophomore Year—

I. Terence, five times a fortnight for the Fall term; to illustrate the earlier stage of the language and the Roman comedy.

II. Cicero, five times a fortnight during the Winter term; the philosophical writings are read and discussed, *De Amicitia* as a basis.

III. Horace, five times a fortnight during the Spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism.

The Latin of the Sophomore year is elective, and the subjects selected for reading are changed at different times; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE C.—Latin Hymns, twice a week during third term of Junior year; a study of the Hymnology of the Early Christian Church, together with practice in sight-reading. Elective to Juniors and Seniors who have taken courses A and B.

COURSE D.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed.

COURSE E.—In the Fall and Winter terms of Senior year a special course in methods of Classical Study and Teaching will be provided for those intending to teach preparatory Latin after graduation.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

## GREEK.

COURSE A.—I. Homer, *Odyssey*, five times a week through the Fall term; required of Freshmen in Classical Course. Study of Epic forms and comparison with corresponding Attic ones, scanning and metrical reading. Study of life in Homeric times.

II. Herodotus, five times a week through Winter term; required of Classical Freshmen. Special attention given to morphology and the derivation and composition of words. Collateral readings from Greek History.

III. Lysias, five times a week, Spring term; required of Classical Freshmen. Study of the courts, legal procedure and government at Athens. Collateral reading, Jebb's *Primer of Greek Literature*.

COURSE B.—I. Xenophon's *Memorabilia*, five times a fortnight, Fall term. Collateral reading, *Apologia* and *Crito*. Study of the political and social life in the time of Socrates. Short lectures on Greek Philosophy.

II. Sophocles, *Antigone*, five times a fortnight, Winter term. Collateral reading, Haigh's *Attic Theater*, one English tragedy, and sketches of the Greek tragic poets.

III. Lyric Poetry, five times a fortnight, Spring term. Tyler's edition is used. Talks on the comic poets, and reading of one of the plays of Aristophanes.

Course B is offered as an elective study to Sophomores who have completed Course A.

## GERMAN.

COURSE A.—I. Beginning German, five times a week, Fall term. Collar's Shorter Eysenbach, careful drill in pronunciation, short selections learned by heart and used as a basis for conversation.

II. Grammar continued, five times a week, Winter term. Meissner's *Aus Meiner Welt*. Training of the ear in listening to German.

III. Reading, five times a week, Spring term. Stifter's *Das Heidedorf*, and Seidel's *Der Lindenbaum*. Review of the Grammar and translation of English exercises into German. Sight-reading.

The Sophomore class is required to select Course A, either German or French.

COURSE B.—I. Advanced German five times a fortnight Fall term. Heine's *Die Harzreise*, and Hillern's *Höher als Die Kirche*. Collateral reading, sketches of German authors.

II. Five times a fortnight, Winter term. Schiller's *Die Jungfrau von Orleans*. Collateral reading from Schiller's lyrics.

III. Five times a fortnight, Spring term. Scheffel's *Der Trompeter von Säckingen*. Collateral reading, Hosmer's German Literature, Hurst's Life and Literature in the Fatherland.

Course B is elective for Juniors who have completed Course A.

## FRENCH.

COURSE A.—I. Beginning French, five times a week, Fall term. Edgren's French Grammar, Part I. Whitney's Introductory French Reader; careful drill in pronunciation.

II. Five times a week, Winter term. Grammar continued. Van Daell's Introduction to French Authors.

III. Five times a week, Spring term. Halèvey's L'Abbé Constantin, and "Historiettes Modernes," Tome I, edited by C. Fontaine.

Course A is alternative with German A for the Sophomore class.

COURSE B.—Advanced French. For 1896-97 Advanced French may be offered as an elective half-study, to those who in the present year have an average standing above 90. The class will do half-study work, but meet for reading once a week.

I. Fall term. Meremée's Colomba. Outlines of History of French Literature.

II. Winter term. Erckman-Chatrian's Madame Thérèse; Lamartine's Jeanne d'Arc.

III. Spring term. "Places and Peoples," edited by Luquiens. Victor Hugo's Ruy Blas.

## ENGLISH LANGUAGE AND LITERATURE.

COURSE A.—Study of Words and History of English Language, twice per week during all of Freshman year. Trench and Meiklejohn. Required of all Latin-Scientific Freshmen.

COURSE B.—Rhetoric, four times a week during Fall term. A course of study of the principles and practice of rhetoric, both as a foundation for the study of English Literature and for application in the practice of composition. Required of all Juniors.

COURSE C.—General Introduction to English Literature, four times a week for Winter and Spring terms. An outline of the History of English Literature, with Pancoast's or Brooke's Outlines as a guide, and with assigned collateral illustrative reading. Required of all Juniors in Winter and optional in Spring term.

COURSE D.—Advanced Course. A critical and appreciative study of English Authors, twice a week through the Senior year. For 1896-7, the subjects will be:

I. Fall term: Studies in the Art of Shakspeare, to include a study of the workmanship of plays from the early, middle and later periods of his work, and in addition a detailed literary study of Hamlet.

II. Winter term: The Nineteenth Century Poets, especial attention being devoted to Wordsworth, Coleridge, Shelley, Keats, Byron, Browning, Lowell, Longfellow, Tennyson.

III. Spring term: The English Novel; its development as a literary form; its tendencies, with illustrative studies from early and modern novelists.



Course D will be optional to Seniors who have completed Courses B and C, and can profitably pursue courses requiring considerable independent work; there will be lectures given by the professor; also, topics will be assigned for treatment by the students; a large amount of collateral reading will be necessary in connection with the course, which is planned to be chiefly critical and appreciative rather than historical.

COURSE E.—Composition. All Freshmen and Sophomores are met each week for exercises in English Composition; the work includes practice both in literary and oral expression, taking the form of essays, sketches, declamations delivered in the presence of the class, with criticism from the instructor, and in some cases also from members of the class.

COURSE F.—Chapel Orations and Essays, are required to be written and delivered by all Juniors and Seniors before an audience in the college chapel, once each term. These articles are based on more or less extended original reading and research, and have the benefit of personal criticism from the professor in charge before they take their final form.

## MENTAL AND MORAL PHILOSOPHY.

COURSE A.—Psychology, four times a week through Fall term. This is a general elementary course of study of the outlines of the science; it is based upon textbook and recitation methods, but the data and methods of the “New Psychology” are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—Moral Science, four times a week during Winter term. Optional for Seniors.

COURSE C.—Natural Theology, twice a week through Spring term. Optional for Seniors.

COURSE D.—Evidences of Christianity, twice a week through Spring term. Optional for Seniors.

COURSE E.—Bible Study, once a week through four years. Each of the college classes devotes one recitation a week to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

## HISTORICAL AND POLITICAL SCIENCE.

### I. HISTORY.

COURSE A.—Modern History. A half-study, elective for the Sophomores. Fisher's Modern History is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

COURSE B.—Science of Government. A half-study, required during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in Bryce's American Commonwealth. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—History of Civilization. A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

## II. POLITICAL ECONOMY.

\*  
COURSE A.—Introduction to the Study of Political Economy. A half-study, optional with the Juniors for the Spring term. Walker's Political Economy, Advanced Course, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—A full study, optional with the Seniors for the Fall and Winter terms. The first term is devoted to the subjects of international trade, money and taxation; the second term to the great sociological problems. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work under charge of the professor, and of theses read before the Senior class.

---

## EDUCATION.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. The Spring term the subject is taken as a full study, optional with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Van Dyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

## INTERNATIONAL LAW.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

---

## AMERICAN CONSTITUTIONAL AND COMMON LAW.

This course is a Senior elective, five times a fortnight, though the second and third terms. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a textbook. The Great Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

---

## MATHEMATICS AND ASTRONOMY.

COURSE A.—I. Algebra—Wentworth's Complete. Radicals, Theory of Exponents, Logarithms, Progression, Choice, Chance. Five times a week, Fall term.

II. Plane Trigonometry—Wentworth. Five times a week, Winter term.

III. Spherical Trigonometry — Wentworth: four weeks. Analytical Geometry—Olney: six weeks. Five times a week, Spring term.

This course required of all Freshmen.

COURSE B.—I. Calculus—Olney. Five times a fortnight, Fall and Winter terms.

II. Mensuration and Surveying—Carhart. Five times a fortnight, Spring term.

This Course is elective for Sophomores and is offered only on alternate years; it will be open in 1896-7.

COURSE C.—Astronomy, three times a week, Spring term.

An outline course in Descriptive Astronomy. Elective for Juniors.

---

## PHYSICS.

COURSE A.—Elementary Mechanics. This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotatory motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses.

COURSE B.—Physics. I. Second and third term, four exercises per week. A general course, including mechanics of liquids and gases; sound; heat; electricity and magnetism; and light. Instruction is given by means of recitation and experimental lectures.

Courses A and B are required.

COURSE C.—Physics. II. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects.

## CHEMISTRY.

COURSE A.—General Chemistry. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner.

COURSE B.—Basic Qualitative Analysis. [I.] This course extends through the third term of Junior year, two afternoons each week. It consists almost wholly of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of chemical equations.

COURSE C.—Qualitative Analysis. [II.] This course, which extends through the first term of Senior year, four hours per week, continues the work of Course B. Especial attention is given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe.

COURSE D.—Quantitative Analysis. This course extends through the second and third terms of Senior year. The student is first taught the use of the balance and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods.

Course A is required of all students; the remaining courses are elective. For the year of 1896-97 Seniors may elect Physics Course C or Chemistry Course B.



## BIOLOGY.

COURSE A.—Elementary Invertebrate Zoology. Three times a week, for three terms, as follows:

I. Protozoa and Coelenterates and Echinoderms, Fall term.

II. Echinoderms, Scolecids and Mollusks, Winter term.

III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold: first, to train students to the habits of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-water or land animals are selected as far as possible. Groups are taken up seriatim and several representative forms of every principal group are examined. Among the forms actually studied are such as *Amoeba*, *Euspongia*, *Hydra*, *Asterias*, *Strongylocentrotus*, *Unio*, *Ostraea*, *Lumbricus*, *Cambarus*, *Eupagurus*, *Pinnotheres*, *Cyclops*, *Branchippus*, *Caloptenus* and many others. The work is a course of lectures required to be reported by the students, of laboratory work on the animals referred to, or on some closely allied ones, and of frequent theses based both on dissections and on reading in the Goodrich Alcove of the library. There are fortnightly quizzes. Required of all Latin-Scientific Freshmen, optional to classical students of all the upper classes.

COURSE B.—I. General Biology, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large number of animal and



plant cells by examination of Amoeba, Yeast, Protococcus, Penicillium, Spirogyra, Geranium Leaf, Paramæcium, Vorticella, Hydra, and other subjects. Then the conditions of cell-life are investigated on Yeast as a subject. The condition of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations. Required of all Juniors.

II. Vertebrate Morphology, twice a week through the Winter term. The anatomy, and, to some extent, the histology of the smelt, the salamander and the squirrel are investigated, with side readings and thesis writing on the results of the work. Required of all Juniors.

III. Mammalian Histology, twice a week through the spring term. Mounted sections are furnished to the class from the chief tissues and organs, and the student is expected to recognize and draw the cellular structure which they exhibit. This course is essential in preparation for Course C, all anatomy and histology being assumed in that course, so that students who plan to elect Physiology should elect this. The course is optional to all Juniors.

COURSE C.—Mammalian Physiology, four times a week for the first half year. This is chiefly a lecture and reading course; demonstrations are given, but the strict laboratory study of physiology is not attempted. The attempt is, however, made in the course to, so far as possible, consider the fundamental data of the science. The earlier courses of biology are utilized as fully as possible in the illustration of this course. Optional for Seniors.

COURSE D.—Advanced Biology, twice a week through the Senior year. This is largely an individual course, intended for those who are preparing to specialize in biology. It is only open to those who have shown proficiency in the lower courses. So far as possible it is planned to devote the Fall term and the Winter term to work on Vertebrate Anatomy on the basis of Wiedersheim's, Comparative Anatomy, and the Spring term to Vertebrate Embryology, but special work will be planned if necessary to meet individual cases. The work will include practice in some of the simpler methods of microscopical technique. Course D is optional to Seniors but limited to those capable of doing independent work.

During the course of the year lectures are delivered informally and not according to programme on biological and speculative subjects, which are designed to show to the student the present positions of research in biological science.

#### NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for forty students at one time. There are twenty-five compound microscopes, and full supplies of dissecting instruments, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on. The museum is a very large apartment, being in fact the entire third story of Science Hall. It is gradually coming to have a very extensive collection for illustrating the lectures and other studies of the department, and is also an important factor in the general instruction of the student. It is open every day, and is largely visited. All the collections in the museum are serially arranged, and most of the specimens are

named and to some extent they are described. The description of the specimens by typewritten labels will be a very great aid to the usefulness of this department. The library has received, through the benevolence of Mr. C. G. Goodrich, of Minneapolis, the gift of \$1,000, to be used for the purchase of biological books. These have in part been purchased, and they now make it possible for students to gain an insight into biological literature when they are studying any of the subjects of the course. Some of the current biological periodicals are taken by the department, and these and "separates," as well as the more useful reports and many books are kept in the biological laboratory and are constantly available to the students for reference.

---

## GEOLOGY.

COURSE A.—Elements of Geology, four times a week through the last half of the year. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Seniors.

## Synopsis of the Course of Study.

FRESHMAN YEAR.		
FRESHMAN YEAR.	Fall Term.	LATIN.—Livy. 4. MATHEMATICS.—Algebra, Wentworth's Complete. 5. Classical.—GREEK, Herodotus. 5. <i>Latin Scientific.</i> —TRENCH on Study of Words. 2. "      "      ELEMENTARY ZOOLOGY. Protozoa and Coelenterata. 3.
	Winter Term.	LATIN.—Livy. 4. MATHEMATICS.—Plain and Spherical Trigonometry. Olney. 5. Classical.—GREEK, Plato, Apologia. 5. <i>Latin Scientific.</i> —TRENCH.—2. "      "      ELEMENTARY ZOOLOGY. Echinoderms, Scolecids and Mollusks. 3.
	Spring Term.	LATIN.—Horace.—4. MATHEMATICS.—Spherical Trigonometry completed. Analytical Geometry, Olney. 5. Classical.—GREEK, Xenophon, Memorabilia. 5. <i>Latin Scientific.</i> —TRENCH. 2. "      "      ELEMENTARY ZOOLOGY. Annelids and Arthropods. 3.
SOPHOMORE YEAR.		
SOPHOMORE YEAR.	Fall Term.	<i>Required.</i> MATHEMATICS.—Mechanics, Peck. 4. GERMAN or FRENCH.—5.  <i>Electives—Two to be Taken.</i> LATIN.—Terence, Literature. 2½. GREEK.—Demosthenes, De Corona. 2½. CALCULUS.—Olney. 2½. HISTORY.—2½.
	Winter Term.	<i>Required.</i> MATHEMATICS.—Mechanics completed. Physics, Ganot. 4. GERMAN OR FRENCH.—5.  <i>Electives—Two to be Taken.</i> LATIN.—Cicero's Lælius or Pliny's Letters; Literature. 2½. GREEK.—Sophocles (Edipus Tyrannus. 2½. CALCULUS.—2½. HISTORY.—2½.
	Spring Term.	<i>Required.</i> MATHEMATICS.—Physics; Lectures. 4. GERMAN OR FRENCH.—5.  <i>Electives—Two to be Taken.</i> LATIN.—Horace De Arte Poetica or Quintilian; Literature. 2½. GREEK.—Aristophanes, The Clouds. 2½. MENSURATION AND SURVEYING.—Carhart. 2½. HISTORY.—2½.

The figures indicate the number of class exercises per week.  
 Fifteen exercises per week, including Bible study, required.

JUNIOR YEAR.			
	Spring Term.	Winter Term.	Fall Term.
	<p>ENGLISH LITERATURE.—4.            LOGIC.—McCosh. 3.            GERMAN.—Goethe. 3.            QUALITATIVE ANALYSIS.—Philosophy of Chemistry. 2.            POLITICAL ECONOMY.—3.            DESCRIPTIVE ASTRONOMY.—Young. 3.            MAMMALIAN HISTOLOGY.—2.  <i>Classical</i>.—GREEK, New Testament. 2.  <i>Latin Scientific</i>.—March's Latin Hymns or Lucretius or Tacitus. 2.</p>	<p>ENGLISH LITERATURE.—4.            GERMAN.—2½.            HISTORY.—Government. 2½.            QUALITATIVE ANALYSIS.—Appleton. 3.            VERTEBRATE MORPHOLOGY.—2.</p>	<p>RHETORIC.—4.            GERMAN.—2½.            HISTORY.—Government. 2½.            CHEMISTRY.—Remsen; Laboratory Practice. 3 (after noons).            GENERAL BIOLOGY.—2 (afternoons).</p>
SENIOR YEAR.			
	Spring Term.	Winter Term.	Fall Term.
	<p>NATURAL THEOLOGY.—Chadbourne; Lectures. 2.            EVIDENCES OF CHRISTIANITY.—Hopkins. 3.            INTERNATIONAL LAW.—3.            GEOLOGY.—4.            AMERICAN COMMON LAW.—Lectures. 3.            EDUCATION.—4.            ENGLISH LITERATURE.—2.            PHYSICS OR CHEMISTRY.—2.            BIOLOGY.—2.</p>	<p>HUMAN BODY; GEOLOGY.—4.            POLITICAL ECONOMY.—4.            HISTORY.—Civilization. 4.            MORAL SCIENCE.—Porter. 4.            CONSTITUTIONAL LAW.—Cooley. 2.            ENGLISH LITERATURE.—2            PHYSICS OR CHEMISTRY.—2.            BIOLOGY.—2.</p>	<p>POLITICAL ECONOMY.—4.            HUMAN BODY.—4.            PSYCHOLOGY.—4.            HISTORY.—Civilization. 4.            ENGLISH LITERATURE.—2.            PHYSICS OR CHEMISTRY.—2.            BIOLOGY.—2.</p>

## Preparatory Department.

---

THE Preparatory Department, although separated in some respects from the College Department, is yet kept in vital connection with it; and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

# Students.

## THIRD YEAR.

MYRTLE F. BOTKIN,	<i>Hamline.</i>
BLANCHE BROWN,	<i>Hamline.</i>
LOIS I. CAMPBELL,	<i>Belgrade.</i>
MAUDE M. CAMPBELL,	<i>Belgrade.</i>
CHARLES E. COLLETT,	<i>Hamline.</i>
NINA V. CRIST,	<i>Hamline.</i>
ANNA CURRY,	<i>Farmington.</i>
EDITH M. GOLD,	<i>Big Stone, S. D.</i>
MABEL E. GOLD,	<i>Big Stone, S. D.</i>
SUSAN C. HOHMAN,	<i>Bird Island.</i>
HOMER C. INNIS,	<i>Hamline.</i>
JOHN LETCHER,	<i>Hamline.</i>
RAY MCKAIG,	<i>Hamline.</i>
ROBERT A. MORRILL,	<i>Byron.</i>
JOHN W. OGREN,	<i>Minneapolis.</i>
DEBORAH L. RICH,	<i>Hamline.</i>
FLOY A. ROSSMAN,	<i>Hamline.</i>
FRED TISDALE,	<i>Fordyce, Ontario, Canada.</i>
JAMES A. VALENTINE,	<i>Breckenridge.</i>
WESLEY VALLENTYNE,	<i>Hamline.</i>
MABEL WALLACE,	<i>Hamline.</i>



SECOND YEAR.

---

GEORGE W. BARNES,	<i>Hamline.</i>
NELLIE BARRETT,	<i>Park Rapids.</i>
ELSIE BENSON,	<i>Heron Lake.</i>
MAYME BRAZIL,	<i>Morton.</i>
ISA E. CABOT,	<i>Medford.</i>
HAMLINE E. CRIST,	<i>Hamline.</i>
JOHN W. CROFT,	<i>Logan.</i>
EDNA H. EDWARDS,	<i>Hamline.</i>
JOHN W. FRYCKBERG,	<i>Hamline.</i>
LYMAN A. HARRIS,	<i>Hamline.</i>
EVA C. JOHNSON,	<i>Claybank.</i>
ROBERT C. JOHNSON,	<i>Logan.</i>
ALBERT LAGERSTEDT,	<i>Gibbon.</i>
WILLIAM L. MARTIN,	<i>Wood Lake.</i>
ELMER A. McELRATH,	<i>Cascade.</i>
BESSIE M. MOUSER,	<i>Huron, S. D.</i>
IDA M. NILES,	<i>Annandale.</i>
EUGENE PARRY,	<i>Bigelow.</i>
NETTIE PARRY,	<i>Bigelow.</i>
JOHN L. PEMBERTON,	<i>Hamline.</i>
ANDREW R. PROSSER,	<i>Hamline.</i>
MRS. ANDREW R. PROSSER,	<i>Hamline.</i>
MINA L. SPEAR,	<i>Hamline.</i>
ROBERT J. TAYLOR,	<i>Robinsdale.</i>
ELIJAH VAN CAMP,	<i>St. Thomas, N. D.</i>
CHARLES H. WALLACE,	<i>Drayton, N. D.</i>
ORRIN J. WHITCOMB,	<i>Byron.</i>
MORRIS W. WHITE,	<i>St. Paul.</i>



## FIRST YEAR.

---

ANNIE ALLIN,	<i>Hamline.</i>
FRED W. ALLIN,	<i>Hamline.</i>
J. WESLEY ANDERSON,	<i>St. Thomas, Ontario.</i>
LOIS BENSON,	<i>Heron Lake.</i>
DAYTON BILLINGTON,	<i>Morgan.</i>
GEORGE S. BOARDMAN,	<i>Hamline.</i>
WALTER W. BOSSARD,	<i>Browns Valley.</i>
VERA O. BOTKIN,	<i>Hamline.</i>
WILLIAM J. BUCHANAN,	<i>St. Thomas, N. D.</i>
RUSSEL CARMAN,	<i>St. Paul.</i>
GEORGE W. CASE,	<i>Chatfield.</i>
FREDERIC D. CUNNINGHAM,	<i>Grand Rapids, N. D.</i>
SOPHA EWERTSEN,	<i>Otranto, Ia.</i>
FRED J. FARRINGTON,	<i>Aberdeen, S. D.</i>
KATE FERRO,	<i>Tracy.</i>
FRED FREDERICKSON,	<i>Lakefield.</i>
JOHN FREEGUARD,	<i>St. Paul.</i>
ROBERT GIBSON,	<i>Merriam Park.</i>
ALMA GILLETTE,	<i>Hamline.</i>
JOSEPH M. HACKNEY,	<i>St. James.</i>
WILLIAM HARKNESS,	<i>Randolph.</i>
PEARL HEAL,	<i>Hamline.</i>
BYRON W. HEATH,	<i>Medford.</i>
BERT E. HILLIS,	<i>Tyner.</i>
ALVIN B. HOBLIT,	<i>Monticello.</i>
JENNIE JOHNSTON,	<i>Byron.</i>
WILLIAM JOHNSTON,	<i>Byron.</i>
THOMAS C. KELLY,	<i>Duluth.</i>

ANTONY E. LIND,	<i>Hamline.</i>
HENRY LING,	<i>Jackson.</i>
CORA M. LONGFIELD,	<i>St. Paul.</i>
ERMAH MARTIN,	<i>Hastings.</i>
J. ROYAL MARTIN,	<i>Hamline.</i>
WILLIAM W. MASSEE,	<i>Louisville, Wis.</i>
LAURA A. MCCONNELL,	<i>Morton.</i>
JOHN NORDHOLM,	<i>Long Lake.</i>
BLANCHE M. PAYNE,	<i>Lakefield.</i>
EMMA REINHART,	<i>Pine Island.</i>
ISAAC C. RICE,	<i>Chatfield.</i>
FLORENCE W. SHAW,	<i>St. Anthony Park.</i>
GEORGE SHAW,	<i>St. Thomas, Ontario.</i>
ELLA SIMMONS,	<i>Forest Lake.</i>
MERIT SKILLMAN,	<i>Valley Springs, S. D.</i>
CHARLES M. A. SMITH,	<i>Hamline.</i>
E. CLAUDE SMITH,	<i>Beardsley.</i>
MARY STARK,	<i>Harris.</i>
LUELLA M. THOMPSON,	<i>Hamline.</i>
EDWARD T. WOOLDRIDGE,	<i>Pleasant Grove.</i>

## SPECIAL STUDENTS.

---

PAULINE O. BAGSTAD,	<i>Gayville, S. D.</i>
MRS. COLLIE BATDORF,	<i>Hamline.</i>
CLARA L. FUNK,	<i>Hamline.</i>
MYRTIA HOPKINS,	<i>Hamline.</i>
ETHELWYN INNIS,	<i>Hamline.</i>
CHARLES C. F. KOEHN,	<i>Wacouta.</i>
ROBERT LAMBERT,	<i>Pine City.</i>
EDWARD LANGE,	<i>St. Paul.</i>
CARL ALFRED LINDHOLM,	<i>Custer.</i>
JOHN W. LINDMARK,	<i>Rush City.</i>
EDWIN E. LINDSLEY,	<i>Bucodd, Wash.</i>
FLORENCE A. MAGRAW,	<i>Hamline.</i>
GERTRUDE MCKAIG,	<i>Hamline.</i>
CHARLES METCALF,	<i>Pt. La Prairie.</i>
FRANK W. MORGAN,	<i>Hamline.</i>
CHARLES A. NASON,	<i>Pine City.</i>
ROBERT J. NELSON,	<i>Red Wing.</i>
A. H. PETRAIN,	<i>Clarkville, Ia.</i>
CHARLES W. RYDER,	<i>Hamline.</i>
F. HOWARD SQUIRE,	<i>Hanley Falls.</i>
GLENN A. STONE,	<i>Eliod, S. D.</i>
ELMO A. STRAND,	<i>St. Peter.</i>
ROBERT G. THOM,	<i>Rushmore.</i>
MRS. GRACE VALLENTYNE,	<i>Hamline.</i>
FRANK WATKINS,	<i>Adelaide.</i>
MAUD WOLEVER,	<i>Hamline.</i>
MARY WOLF,	<i>Harris.</i>
GRACE M. WURTS,	<i>Hamline.</i>

## Department of Elocution.

---

The Department of Elocution offers two complete courses of study, and grants a certificate for the completion of either.

### A. THE ADVANCED COURSE.

It is intended that the student shall carry this course contemporaneously with his course in the Department of Liberal Arts. The subjects required in addition to those in the college curriculum are as follows:

English Phonation; one term.

Voice Building; two terms.

Pantomime; one term.

Physical Culture; three terms.

Philosophy of Expression; three terms.

Interpretation; seven terms; each one period per week.

### B. THE ELEMENTARY COURSE.

In addition to the work in English in the college curriculum this course requires the same studies as in the Advanced Course, but in a more elementary form and two periods per week.

Two years are required to complete this course.

### C. SPECIAL COURSES.

Special courses will be offered the Theological Department in Bible, Hymn and Liturgy reading, in Oratory and in general interpretation.

## List of Elocution Students.

DORA ANDERSON,	<i>Minneapolis.</i>
ALFRED AUSTIN,	<i>Minneapolis.</i>
FRANK G. BARNES,	<i>Hamline.</i>
ARCHIE W. BROWN,	<i>Faribault.</i>
AMY BURNS,	<i>Minneapolis.</i>
GUY CALDWELL,	<i>Farmington.</i>
EDWIN R. COGHLAN,	<i>Wood Lake.</i>
OWEN J. CLARK,	<i>Ortonville.</i>
SILAS A. COOK,	<i>Blue Earth City.</i>
ROMEO DRYSDALE,	<i>Minneapolis.</i>
WILLIAM P. DYER,	<i>Pipestone.</i>
W. MORTIMER GRANT,	<i>Hamline.</i>
MAY R. HALL,	<i>Wood Lake.</i>
T. A. HAVERSTAD,	<i>St. Anthony Park.</i>
CHARLES S. HAWKER,	<i>Delano.</i>
FLOYD A. LAWSON,	<i>Hamline.</i>
ADELBERT R. LYMAN,	<i>Redwood Falls.</i>
T. HOWARD MACQUEARY,	<i>Minneapolis.</i>
JENNIE A. MAXWELL,	<i>Appleton.</i>
LUCIEN MERRITT,	<i>West Duluth.</i>
LEWIS H. MERRITT,	<i>Oneota.</i>
GEORGE D. MONTGOMERY,	<i>Hamline.</i>
BYRON MORK,	<i>Wood Lake.</i>
ADOLPHUS P. NELSON,	<i>Hamline.</i>
WALTER M. OBER,	<i>Duluth.</i>
EDITH M. E. PRIBBLE,	<i>Hamline.</i>

ELMER RICHARDSON,	<i>Drayton, N. D.</i>
HENRY H. SAUNDERSON,	<i>Hamline.</i>
LUELLA S. TAYLOR,	<i>Pipestone.</i>
ARTHUR H. TASKER,	<i>Hamline.</i>
MAUD THOMPSON,	<i>Anoka.</i>
WILLIAM L. THURBER,	<i>Worthington.</i>
ORA S. VAIL,	<i>Fulda.</i>
ERNEST H. WALLACE,	<i>Drayton.</i>
THOMAS H. WILKINSON,	<i>St. Peter.</i>
ADAM WINTER,	<i>St. Paul.</i>

## Department of Music.

---

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During the past two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course in music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

## List of Music Students.

---

PEARL BENHAM,	<i>Red Wing.</i>
ROY H. BENHAM,	<i>Red Wing.</i>
ELSIE BENSON,	<i>Heron Lake.</i>
EDNA BISHOP,	<i>Hamline.</i>
DONALD E. BRIDGMAN,	<i>Hamline.</i>
MRS. MARY BRINK,	<i>Hamline.</i>
WILLIAM E. BRINK,	<i>Hamline.</i>
LULU A. BROWN,	<i>Red Wing.</i>
ALTA K. CLARK,	<i>Hot Springs, S. D.</i>
MARY COFFIN,	<i>Hamline.</i>
VERNA COLE,	<i>Hamline.</i>
ZOOLA COLE,	<i>Hamline.</i>
ANNIE COTTIER,	<i>Hamline.</i>
REBECCA F. COLYER,	<i>Morris.</i>
ELEANOR DILL,	<i>Prescott, Wis.</i>
BLANCHE DONAHUE,	<i>Mason City.</i>
ELLA L. DOOR,	<i>Hamline.</i>
HATTIE A. DOOR,	<i>Hamline.</i>
ELEANOR EATON,	<i>Merriam Park.</i>
JEANETTE EVANS,	<i>Hamline.</i>
FERNA FLINT,	<i>Hamline.</i>
EDITH GOLD,	<i>Big Stone, S. D.</i>
JOSEPH HACKNEY,	<i>St. James.</i>
FRED. W. HILL,	<i>Round Head, Ontario, Canada.</i>
JENNIE JOHNSTON,	<i>Byron.</i>
GEORGE B. KERFOOT,	<i>Hamline.</i>
FLOYD A. LAWSON,	<i>Hamline.</i>
PETER MCCALLUM,	<i>Hamline.</i>



---

MRS. E. E. MCCREA,	<i>St. Paul.</i>
MABEL MCKINSTRY,	<i>Winnebago City.</i>
LOIS N. MARSH,	<i>Minneapolis.</i>
MABEL MURRAY,	<i>Audubon.</i>
PAUL PETERSON,	<i>Hamline.</i>
ISABEL ROBERTS,	<i>Hamline.</i>
FRANK N. SCOTT,	<i>Drayton, N. D.</i>
MARY STARK,	<i>Harris.</i>
NELLIE M. SYLVESTER,	<i>Plainview.</i>
ANSTIS STEBBINS,	<i>Kenyon.</i>
ARTHUR H. TASKER,	<i>Hamline.</i>
LUELLA S. TAYLOR,	<i>Pipestone.</i>
ORVILLE S. TAYLOR,	<i>Pipestone.</i>
GEORGE P. WATSON,	<i>Hamline.</i>
LILLIAN J. WOLD,	<i>Rock Rapids, Ia.</i>
CORA WILHELMI,	<i>Hamline.</i>

# Courses of Instruction.

## Preparatory Department.

### FIRST YEAR.

#### FIRST TERM.

ALGEBRA.  
LATIN GRAMMAR AND LESSONS.—Allen and Greenough.  
ELEMENTARY PHYSICS.—Gage.

#### SECOND TERM.

ALGEBRA.  
LATIN GRAMMAR AND LESSONS.  
ELEMENTARY PHYSICS.

#### THIRD TERM.

ALGEBRA.  
LATIN.—Cæsar and Latin Grammar.  
ELEMENTARY PHYSIOLOGY.

RHETORICAL EXERCISES.—Compositions and Declamations weekly throughout the year.

### SECOND YEAR.

#### FIRST TERM.

GEOMETRY.  
LATIN.—Cæsar.  
*Classical*.—GREEK GRAMMAR AND READER.—Goodwin, Moss.  
*Latin Scientific*.—GENERAL HISTORY.

#### SECOND TERM.

GEOMETRY.  
LATIN.—Cæsar.  
*Classical*.—GREEK GRAMMAR AND READER.  
*Latin Scientific*.—GENERAL HISTORY.

#### THIRD TERM.

GEOMETRY.  
LATIN.—Cicero.  
*Classical*.—GREEK GRAMMAR AND READER.  
*Latin Scientific*.—GENERAL HISTORY.  
Latin Prose Composition throughout the year.  
RHETORICAL EXERCISES.—Compositions and Declamations weekly throughout the year.

### THIRD YEAR.

#### FIRST TERM.

SOLID GEOMETRY.—3.  
RHETORIC.—2.  
LATIN.—Cicero. Latin Prose Composition.  
*Classical*.—GREEK, Anabasis.  
*Latin Scientific*.—FRENCH.

#### SECOND TERM.

ALGEBRA.—3.  
RHETORIC.—2.  
LATIN.—Virgil. Latin Prose Composition.  
*Classical*.—GREEK, Anabasis.  
*Latin Scientific*.—FRENCH.

#### THIRD TERM.

ALGEBRA.—3.  
RHETORIC.—2.  
LATIN.—Virgil.  
*Classical*.—GREEK, Iliad.  
*Latin Scientific*.—FRENCH.

# Summary of Students.

## COLLEGE OF LIBERAL ARTS.

Senior Class.....	25
Junior Class.....	21
Sophomore Class .....	26
Freshman Class .....	36
Special....	48
	<hr/> 156

## PREPARATORY DEPARTMENT.

Third Year .....	21
Second Year .....	28
First Year .....	47
Special.....	28
	<hr/> 124
Department of Elocution .....	36
Department of Music.....	44
	<hr/>
Total .....	360
Counted Twice.....	53
	<hr/>
Total Enrollment.....	307

## General Information.

---

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Great Northern Railway or by the Electric Railway.

### LIBRARY.

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 2:35 P. M. until 5:00 P. M. It is free to all students, and they are aided in consulting it by the Librarian and other members of the Faculty. The Library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis and the library of the Minnesota Historical Society are in easy reach and freely accessible to all students.

### DEPARTMENT OF PHYSICAL CULTURE.

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space and is equipped with the necessary apparatus for light and heavy gymnastics. Physical examinations are held in the Fall term. Classes are formed and exercises are pre-

scribed based upon such an examination. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-around development rather than the training for special feats of skill or strength. Hand ball and basket ball tournaments are held during the Winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in base ball, foot ball, track and field sports and skating. A rink for the latter purpose 300 x 100 feet is flooded on the campus. The Athletic Association maintains a foot ball, a base ball and a track and field team, and annually contests for honors with the other colleges of the state.

### LADIES' HALL.

The rooms in Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher; all other articles students will provide for themselves. Occupants of rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

### BOARDING HALL AND BOARD IN PRIVATE FAMILIES.

The Dining Hall is in the basement of Ladies' Hall. Young ladies from a distance will be required to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President, obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces)....	\$2.75
Gentlemen, per week.....	2.75
Washing and ironing, per dozen.....	.50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.

The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.

#### NECESSARY EXPENSES.

Tuition, per term, College Classes.....	\$10.00
Tuition, per term, Preparatory Classes.....	8.00
Incidentals, per term, all classes.....	2.00
Chemical Laboratory fee, per term.....	2.00
Biological Laboratory fee, per term .....	1.50

Apparatus broken by the student will be charged to his account.

Elocution per lesson.....	1.00
Instruction piano or vocal, payable by the term, per lesson of one-half hour.....	1.00
Vocal Music, per term, in classes .....	2.00
Use of piano, one hour daily, per term .....	2.50
Instruction in Art, payable by the term, per lesson,	1.00
Text-books, per year.....	\$10.00 to 15.00

## ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals .....	\$30.00	\$36.00
Room rent, fuel and light ..	36.00	36.00
Board, thirty-six weeks.....	90.00	90.00
Washing and ironing, 12 pieces per week..	18.00	18.00
Books and stationery, about.....	12.00	12.00
Minimum.....	\$186.00	\$192.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and drawing, being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced.

Tuition, incidentals, music and art lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.



### LITERARY SOCIETIES.

There are four Literary Societies in connection with the University. The Philomathean and Amphictyon composed of gentlemen, and the Browning and Athenæan composed of ladies.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

### RELIGIOUS SERVICES.

Students are required to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.



# College of Medicine.

(Minneapolis College of Physicians and Surgeons.)

### BOARD OF TRUSTEES.

---

G. H. BRIDGMAN, D. D.	J. W. MacDONALD, M. D.
J. H. STUART, M. D.	J. W. RUTLEDGE, M. D.
W. A. HALL, M. D.	C. J. SPRATT, M. D.

---

### OFFICERS OF THE COLLEGE.

---

G. H. BRIDGMAN, D. D.,	- - -	<i>President.</i>
J. H. STUART M. D.,	- - -	<i>Vice-President.</i>
J. W. MacDONALD, M. D.,	- - -	<i>Dean.</i>
J. W. RUTLEDGE, M. D.,	- - -	<i>Treasurer.</i>

## Faculty.

---

GEORGE H. BRIDGMAN, D. D., PRESIDENT.

J. W. MACDONALD, M. D., L. R. C. S. E., DEAN.

*Professor of the Practice of Surgery and Clinical Surgery.*

---

HORATIO B. SWEETSER, M. D.,

*Professor of Anatomy.*

ALFRED N. BESSESEN, M. D.,

*Professor of Histology.*

WILLIAM J. BYRNES, M. D.,

*Professor of Surgical Anatomy and Clinical Gynaecology.*

GEORGE C. BARTON, M. D.,

*Professor of Physiology and Clinical Gynaecology.*

FLORENCE HOLLAND-BESSESEN, M. D.,

*Professor of Chemistry.*

CHARLES W. WILLIAMS, M. D.,

*Professor of Materia Medica.*

WILLIAM G. W. TUPPER, M. D.,

*Professor of Therapeutics.*

J. T. MOORE, M. D., C. M., M. C. P. S.,

*Professor of Theory and Practice of Medicine.*

HUGH N. McDONALD, M. D.,

*Professor of Diseases of the Chest.*

J. H. STUART, A. M., M. D.,

*Professor of Physical Diagnosis and Clinical Medicine.*

DAVID OWEN THOMAS, B.A., M.D., M.R.C.S., L.R.C.P.,

*Professor of Preventive Medicine and Dermatology.*

WILLIAM ASBURY HALL, M. D.,

*Professor of the Principles of Surgery and Clinical Surgery.*

JOHN W. RUTLEDGE, A. B., M. D.,

*Professor of Operative Surgery.*

KNUT HOEGH, M. D.,

*Professor of Clinical Surgery.*

WILLIAM H. HALLOWELL, M. D.,

*Professor of Obstetrics.*

EDWIN PHILLIPS, M. D.,

*Professor of Gynaecology.*

HERBERT E. CARY, B. A., M. D.,

*Associate Professor of Gynaecology.*

COLUMBUS G. SLAGLE, M. D.,

*Professor of Paediatrics.*

CHARLES J. SPRATT, M. D.,

*Professor of Ophthalmology and Otology.*

CYRUS K. BARTLETT, M. D.,

*Professor of Psychological Medicine.*

LEO M. CRAFTS, A. M., M. D.,

*Professor of Nervous Diseases.*

J. D. SIMPSON, M. D.,

*Professor of Clinical Ophthalmology and Otology.*

LECTURERS, CLINICAL PROFESSORS, INSTRUCTORS  
AND DEMONSTRATORS.

---

F. PALMER FINDLEY, M. D.,

*Lecturer on Pathology and Bacteriology.*

D. EDMUND SMITH, M. D.,

*Lecturer on Medical Jurisprudence and Toxicology*

C. M. FERRO, M. D.,

*Lecturer on Rectal and Venereal Diseases.*

JAMES W. DUDLEY, M. D.,

*Clinical Professor of Obstetrics.*

P. M. HOLL, M. D.,

*Clinical Professor of Pediatrics and Demonstrator  
of Anatomy.*

ARTHUR W. DUNNING, M. D.,

*Clinical Professor of Nervous Diseases.*

W. C. DOBSON, M. D.,

*Instructor in Physiology.*

---

*Demonstrator of Anatomy.*

---

CLINICAL ASSISTANTS.

---

WILLIAM A. ANGELL, M. D.

HOMER F. PEARSON, M. D.

JOHN L. STEPHENSON, M. D.

O. D. BAKKE, M. D.

## Calendar, 1896-7.

---

Entrance examination, October 5, 1896, at 9:00 A. M.

Examination for conditioned students, October 5, 1896,  
at 1:00 P. M.

Opening lecture, October 5, 1896, at 8:00 P. M.

Christmas vacation begins, December 19, 1896, at 12:00 M.

Lectures resumed, January 4, 1897, at 9:00 A. M.

Washington's Birthday, February 22.

Examinations begin, May 24, 1897.

Commencement, June 10, 1897.

## Announcement.

---

The Minneapolis College of Physicians and Surgeons will open its fourteenth annual course of instruction on October 5, 1896, at 8:00 P. M., at which time the introductory address will be given by Prof. J. H. Stuart in the college amphitheatre.

---

### HISTORY.

This college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, by Edwin Phillips, M. D., J. T. Moore, M. D., and others, for the purpose of elevating the standard of medical education throughout the northwest. For many years it had an uphill fight, and struggled against bitter opposition, but always maintained its high standard for graduation. In 1893 the tide turned. It received strong additions to its faculty, and immediately increased the number of its students more than four-fold, which placed it at once on a firm financial basis.

In 1895 it was made the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

Its faculty embraces men who are recognized throughout the United States for their signal ability as practitioners of medicine and surgery and as medical teachers.

It is a member of the American Medical College Association, and its certificates of time and degrees granted are recognized by all medical colleges in the United States.

## COLLEGE BUILDINGS.

The college is located on the corner of Seventh street and Sixth avenue south, in a large and commodious building, well lighted and heated. Its anatomical, chemical, physiological, histological, bacteriological and pathological laboratories have been thoroughly equipped, and are under the direction of able instructors who are capable of giving the very latest scientific demonstrations in their respective departments.

## HOSPITALS.

This college has unsurpassed hospital and clinical advantages. The various members of its faculty hold important positions upon the staffs of St. Barnabas Hospital, Asbury Methodist Hospital, St. Mary's Hospital, Northwestern Hospital for Women and Children and the Minneapolis City Hospital, all of which are made available by their governing boards for the purposes of clinical instruction to students.

## REQUIREMENTS FOR ADMISSION.

Candidates who have taken their degree in arts, philosophy or science, or who have received a diploma of graduation from a recognized literary college or high school, or who hold a first grade teacher's certificate may be admitted without examination.

Students admitted on teacher's certificates will be obliged to take the entrance examination in Latin. Candidates not possessing any of the above named qualifications will be required to pass a satisfactory examination upon the following subjects:

- (a) An English composition in the handwriting of the applicant of not less than two hundred words, said composition to include construction, punctuation and spelling.



- (b) Arithmetic—fundamental rules, common and decimal fractions, and ratio and proportion.
- (c) Algebra—through quadratics.
- (d) Physics—elementary—Gage.
- (e) Latin—an amount equal to one year's study as indicated in Harkness' Latin Reader.

*On and after January 1, 1900, students will not be admitted to the course of instruction in this college, until they have fulfilled the requirements for admission to the Freshman Class of the College of Liberal Arts of Hamline University.*

## ADMISSION TO ADVANCED STANDING.

Graduates of recognized universities and colleges, where the prescribed course in chemistry, histology, etc., is equal to the work required in the first year of the graded course, may apply for admission to the second year class. The professors of Histology, Physiology and Chemistry will pass upon the evidence presented by the student and have the power to require an examination if the certificates are not satisfactory.

Students from other medical schools who apply for advanced standing must either pass examinations in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examinations, for one, two or three years according as they wish to enter the second, third or fourth year class in this college.

## REGISTRATION.

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the first day of December in each year. Fees are payable to the Dean, and must be paid at the time of registration.

## Course of Instruction.

---

The course of instruction in this college consists of a four year's graded series of lectures, recitations, clinics and practical laboratory work, and is arranged as follows:

### FIRST YEAR.

Histology, Biology and Embryology.

Practical Histology.

Chemistry.

Practical Chemistry.

Anatomy.

Physiology.

Materia Medica.

Final examinations in Histology and Chemistry at the end of year.

### SECOND YEAR.

Medical Chemistry.

Practical Medical Chemistry.

Anatomy.

Practical Anatomy.

Physiology.

Practical Physiology.

Materia Medica.

Final examinations in all studies at the end of year. No conditioned student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the Faculty.

### THIRD YEAR.

Surgical Anatomy.

Operative Surgery on the Cadaver.

Therapeutics.

Pathology and Bacteriology.

Practical Pathology and Bacteriology.

Obstetrics.

Theory and Practice of Medicine.

Principles and Practice of Surgery.

Physical Diagnosis.

Pediatrics.

Medical and Surgical Clinics.

Final examinations in Surgical Anatomy, Operative Surgery on the Cadaver, Therapeutics, Pathology, Bacteriology and Obstetrics at the end of year.

### FOURTH YEAR.

Theory and Practice of Medicine.

Principles and Practice of Surgery.

Physical Diagnosis.

Paediatrics.

Gynaecology.

Dermatology.

Preventive Medicine.

Psychological Medicine.

Neurology.

Ophthalmology and Otology.

Medical Jurisprudence and Toxicology.

Orthopedic Surgery.

Laryngology.

Genito-urinary Diseases.

Clinical Medicine.

Clinical Surgery.

Clinical Obstetrics.

Special Clinics.

Final examinations in all branches before graduation.

## ORDER OF INSTRUCTION.

## FIRST AND SECOND YEARS.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Practical Physiology.	Physiology.	Physiology.	Physiology.	Physiology.	Practical Medical Chemistry.
10-11		Medical Chemistry.	Materia Medica.	Medical Chemistry.	Materia Medica.	
11-12	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy Quiz.	
2-3	Practical Histology.	Histology.	Practical Histology.	Histology.	Practical Histology.	
3-4		Practical Chemistry.	Chemistry.	Practical Chemistry.	Chemistry.	
4-5	Chemistry.					
8-10	Practical Anatomy.					

## THIRD AND FOURTH YEARS.

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Practice of Surgery.	Theory and Practice of Medicine.	Surgical Clinic.	Theory and Practice of Medicine.	Practice of Surgery.	Surgical Clinic.
10-11	Practice of Medicine.	Principles of Surgery.		Orthopedic Surgery.	Nervous Diseases.	
11-12	Gynaecology.	Medical Clinic.	Gynaecology.	Physical Diagnosis.	Pediatrics.	Medical Clinic.
12-1	Nervous Diseases Clinic.	Gynaecology. Clinic.	Pediatrics, Clinic.	Gynaecology, Clinic.	Eye and Ear Clinic.	Gynaecology, Clinic.
2-3	Pathology.	Practical Pathology.	Pathology.	Practical Pathology.	Bacteriology.	
3-4	Obstetrics.		Obstetrics.		Obstetrics.	
4-5	Psychological Medicine.	Surgical Anatomy.	Veneral Diseases	Operative Surgery.	.....	
5-6	Eye and Ear Diseases.	Therapeutics	Preventive Medicine.	Therapeutics.	Medical Jurisprudence and Toxicology.	

## Outlines of Course.

---

### ANATOMY.

PROFS. SWEETSER, BYRNES, BESSESEN and FINDLEY.

The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect, under the direction of the demonstrator of anatomy, at least one entire lateral half of the cadaver before they can present themselves for graduation. This rule is absolute. The courses in histology, pathology and bacteriology consist of didactic lectures and exhibition of specimens, charts, etc., and work in the laboratory under the direction of the professors in the various departments.

### PHYSIOLOGY.

PROF. BARTON.

This branch is taught by means of didactic lectures, recitations and frequent demonstrations upon the lower animals, thus illustrating the subjects of digestion, absorption, secretion, the blood and its circulation, the nervous system, etc. The student can thus study the body and demonstrate all the phenomena of vital operations.

## CHEMISTRY.

PROF. HOLLAND-BESSESEN.

The course in this department includes lectures upon the principles of chemistry and its nomenclature, a thorough study of inorganic and organic compounds and analysis of urine. It also includes lectures upon certain branches of physics, viz.: light, heat and electricity. Great attention will be given to practical chemistry in the laboratory.

## MATERIA MEDICA AND THERAPEUTICS.

PROFS. TUPPER and WILLIAMS.

The course in this department consists of didactic lectures, recitations and demonstrations. Recitations will be frequently held, and the course will be thoroughly practical.

## THEORY AND PRACTICE OF MEDICINE.

PROFS. MOORE, McDONALD, STUART, THOMAS, BARTLETT, CRAFTS and SMITH.

This course consists of didactic lectures upon the general laws of disease, as well as the individual diseases themselves. Pathology will be combined with all teaching. The various special departments of physical diagnosis, preventive medicine, nervous diseases, diseases of the chest, psychological medicine and medical jurisprudence will be thoroughly represented.

Special attention will be given to clinical medicine.

## SURGERY.

PROFS. HALL, McDONALD, RUTLEDGE, HOEGH,  
SPRATT and SIMPSON.

This course consists of didactic lectures upon the principles and practice of surgery, surgical pathology, operative surgery and diseases of the eye and ear. The clinics in this department will be unsurpassed by reason of the abundance of material, and will be of the greatest value to the students.

## OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

PROFS. HALLOWELL, PHILLIPS, CARY and SLAGLE.

This course consists of lectures upon the science and art of midwifery, gynaecology and diseases of infant life. Frequent recitations will be held. Special attention will be given to clinics, and students will be furnished with cases of confinement during their last year.

## TEXT-BOOKS.

The following text-books and books of reference are recommended by the Professors in the respective departments.

ANATOMY—Morris, Gray and Quain.

HISTOLOGY—Klein.

PATHOLOGY—Delafield and Prudden, Ziegler.

CHEMISTRY—Fournes, Simons.

PHYSIOLOGY—Foster.

MATERIA MEDICA—White.

THERAPEUTICS—Hare.

THEORY AND PRACTICE OF MEDICINE—Loomis, Lockwood.

PRINCIPLES AND PRACTICE OF SURGERY—American Text-Book of Surgery, Macdonald's Surgical Diagnosis and Treatment.



OBSTETRICS—Playfair, Parvin. American Text-Book of Obstetrics.

GYNAECOLOGY—Emmet, Skene.

PEDIATRICS—American Text-Book, diseases of children.

PHYSICAL DIAGNOSIS—Vierordt.

NERVOUS DISEASES—Hirt.

DERMATOLOGY—Kaposi.

PREVENTIVE MEDICINE—Coplin and Bevan.

MEDICAL JURISPRUDENCE AND TOXICOLOGY—Chapman, Reese.

BACTERIOLOGY—Fraenkel.

### EXAMINATIONS.

All examinations in this college are public and formal. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly held at the end of each term. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on the opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued, showing the results of the examination.

Regular and punctual attendance is required, and in order to obtain a class certificate, the student must be present at 85 per cent. of the lectures.

The reports of examinations will be mailed to the students at the college or at such other addresses as they may direct, at the earliest possible moment after the examinations are completed, and they are requested not to call on the examiners or on the Dean for reports.

### REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D., C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least six months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

Students who matriculated previous to January 1, 1895, will be permitted to apply for the degree of M. D., C. M., upon the completion of three courses of lectures; provided they remain in continuous attendance.

### GRADUATION OATH.

Ego, A— B—, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo; me in omnibus grati animi officiis erga hanc Collegiam, ad extremum vitae halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad aegrotorum corporum salutem conducentia, cum fide procuraturum; quae denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

## FEES AND EXPENSES.

Students of this college will be uniformly charged as follows:

Matriculation fee, payable first year of attendance only.....	\$ 5.00
General ticket, payable each year of attendance, (including all charges for lectures, clinics, laboratories, dissection, materials used, examinations, diplomas, etc.).....	65.00
Students who have attended three full courses of instruction in this college will be required to pay for their fourth course.....	25.00
Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of.....	50.00

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

*Fees are paid invariably in advance.*

*The College reserves the right to change the fees at any time through publication in its annual announcement.*

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

### BOARD AND LODGING.

The expenses of living in Minneapolis is less than in other large cities. During the past year most students have been able to reduce their board and room-rent to less than \$20.00 a month, and this sum may be looked upon as adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

J. W. MACDONALD, M. D., DEAN,

208 South 7th Street,

Minneapolis, Minn.

## Students.

1895-96.

---

BAIER, FLORENCE C.,	-	-	-	-	Minnesota
BAKKE, OLE,	-	-	-	-	Minnesota
BAST, SAMUEL F.,	-	-	-	-	South Dakota
BEVAN, CHAS. J.,	-	-	-	-	Minnesota
BIORN, NELS A.,	-	-	-	-	Minnesota
BURLINGAME, ROBERT M.,	-	-	-	-	Minnesota
CHANCE, JENNER P.,	-	-	-	-	Minnesota
CRESWELL, WILLIS W.,	-	-	-	-	North Dakota
CROSBY, LEONARD GREEN,	-	-	-	-	Minnesota
DEALEY, JULIA,	-	-	-	-	Minnesota
DOBSON, WILLIAM C.,	-	-	-	-	Minnesota
DONOHUE, DANIEL J.,	-	-	-	-	Wisconsin
DUBOSE, WILLIAM E.,	-	-	-	-	Minnesota
DUMAS, CALIXTE H. D.,	-	-	-	-	Minnesota
DYRNES, JOHN O.,	-	-	-	-	Minnesota
ELSEY, JAMES R.,	-	-	-	-	Minnesota
FARR, JOHN F.,	-	-	-	-	Wisconsin
FLEMING, ALOYSIOUS S.,	-	-	-	-	Wisconsin
FUGLESKIEL, MARIETTA,	-	-	-	-	Minnesota
GENDRON, JULES,	-	-	-	-	Minnesota
GORDON, DAVID,	-	-	-	-	Minnesota
GREGOIRE, JOSEPH A.,	-	-	-	-	Wisconsin
HOLMES, ANDREW G.,	-	-	-	-	Minnesota
HYNES, JAMES,	-	-	-	-	Minnesota
HAISH, CHARLES F.,	-	-	-	-	Minnesota

---

JACKSON, CARRIE,	-	-	-	-	Minnesota
JAMES, ROBERT J.,	-	-	-	-	Minnesota
JONES, JAMES D.,	-	-	-	-	South Dakota
KNOTZ, JOHN,	-	-	-	-	Minnesota
KOPPELBERGER, HARRY W.,	-	-	-	-	Wisconsin
KRIESEL, WILLIAM A.,	-	-	-	-	Minnesota
LIND, CARL J.,	-	-	-	-	Minnesota
MASON, CHARLES H.,	-	-	-	-	Wisconsin
MILLER, ROCK P.,	-	-	-	-	Minnesota
MILLER, FRED CHASE,	-	-	-	-	Minnesota
MCCULLOUGH, ALLEN,	-	-	-	-	Minnesota
MOORE, FRANCIS A.,	-	-	-	-	South Dakota
MURPHY, WILLIAM B.,	-	-	-	-	Minnesota
O'BRIEN, JOSEPH A.,	-	-	-	-	Minnesota
POLLOCK, ARTHUR R.,	-	-	-	-	North Dakota
RANEVILLE, SAMUEL,	-	-	-	-	North Dakota
RHEINHARDT, WALLACE A.,	-	-	-	-	Minnesota
ROGERS, GEORGE M. F.,	-	-	-	-	South Dakota
REEVE, E. A. T.,	-	-	-	-	North Dakota
ROSENTHAL, SIGMOND,	-	-	-	-	Minnesota
SCOFIELD, FRANK S.,	-	-	-	-	Minnesota
SCHLEGEL, HENRY E.,	-	-	-	-	Minnesota
SCANLON, LOUIS D.,	-	-	-	-	Minnesota
SCANLON, WILLIAM,	-	-	-	-	North Dakota
SLAGLE, CARRIE,	-	-	-	-	Minnesota
SOUR, STEPHEN D.,	-	-	-	-	Minnesota
TUKE, HENRY C.,	-	-	-	-	Minnesota
WARHAM, THOMAS T.,	-	-	-	-	Minnesota
WHETSTONE, ROY,	-	-	-	-	Minnesota
WHITFORD, DAVID LEWIS,	-	-	-	-	Minnesota
WENDT, SAMUEL M.,	-	-	-	-	Minnesota
WIIG, IVER C. J.,	-	-	-	-	Minnesota
WITHROW, MORRILL E.,	-	-	-	-	Minnesota
WILLIS, ELLEN A.,	-	-	-	-	Minnesota
WILLIAMSON, LUTIE L.,	-	-	-	-	North Dakota
YOUNG, EUGENE W.,	-	-	-	-	Minnesota

## GRADUATES.

---

BAKKE, OLE,	ROSENTHAL, SIGMOND,
DOBSON, WILLIAM C.,	SCANLON WILLIAM,
DUMAS, CALIXTE H. D.,	SOUR, STEPHEN D.,
GENDRON JULES,	TUKE, HENRY C.,
MILLER, ROCK P.,	WIG, IVER C. J.,
RHEINHARDT WALLACE A.,	YOUNG, EUGENE W.

## ALUMNI.

---

ATHERTON, C. O.,	-	-	-	-	-	-	1891
BAKKE, OLE,	-	-	-	-	-	-	1896
BLISS, GEORGE WILLIS,	-	-	-	-	-	-	1895
BOXELL, E. C.,	-	-	-	-	-	-	1893
BURNS, C. A. MISS,	-	-	-	-	-	-	1886
CHURCH, RICHARD JEREMIAH,	-	-	-	-	-	-	1895
CLAY, ED. M.,	-	-	-	-	-	-	1893
CONYNGHAME, E. F.,	-	-	-	-	-	-	1886
DAILY, MILTON,	-	-	-	-	-	-	1895
DAVID, OSCAR F.,	-	-	-	-	-	-	1893
DOBSON, WILLIAM C.,	-	-	-	-	-	-	1896
DUMAS, CALIXTE H. D.,	-	-	-	-	-	-	1896
DOUGLAS, ELMER E.,	-	-	-	-	-	-	1894
EGAN, MICHAEL,	-	-	-	-	-	-	1891
ESSEN, CARL ANDREW CHRISTIAN,	-	-	-	-	-	-	1895
FARNESS, O. W.,	-	-	-	-	-	-	1888
FLATTEN, AMOS,	-	-	-	-	-	-	1890
GENDRON JULES,	-	-	-	-	-	-	1896
GYLLENBURG, JENNIE (Obst),	-	-	-	-	-	-	1890
HEFLIN, H. NELSON,	-	-	-	-	-	-	1895
HALVERSON, K. K.,	-	-	-	-	-	-	1889
HELGERSON, SIGRID,	-	-	-	-	-	-	1894
HETLAND, C. L.,	-	-	-	-	-	-	1893
HUBBARD, EDWARD E.,	-	-	-	-	-	-	1894
JAMESON, ADELINE PARKER,	-	-	-	-	-	-	1895
KILBRIDE, THOMAS F.,	-	-	-	-	-	-	1894

---

LEWIS, ARTHUR JOHN,	-	-	-	-	1895
LOCKWOOD, LEBARON, S. O.,	-	-	-	-	1894
LOWTHIAN, GEORGE H.,	-	-	-	-	1894
MALCHOW, CHARLES W.,	-	-	-	-	1894
MCCAHN, HANNAH,	-	-	-	-	1890
MCKEON, PHILIP,	-	-	-	-	1895
MCKEON, JAMES,	-	-	-	-	1890
MILLER, ROCK P.,	-	-	-	-	1896
MILLER, HUGO,	-	-	-	-	1893
MONAHAN, T. H.,	-	-	-	-	1886
MURRAY, WILLIAM B.,	-	-	-	-	1890
O'BRIEN, HENRY JEFFERSON,	-	-	-	-	1895
OLESON, JENNIE (Obst),	-	-	-	-	1890
OWRE, ALFRED,	-	-	-	-	1895
PRYCE, ROLAND,	-	-	-	-	1885
RALEIGH, ROSWELL, B.,	-	-	-	-	1894
REMICK, LOUIS BARRY,	-	-	-	-	1895
RIDGWAY, ALEXANDER,	-	-	-	-	1894
RIDGWAY, JOSEPH,	-	-	-	-	1894
RHEINHARDT, WALLACE A.,	-	-	-	-	1896
ROSENTHAL, SIGMOND,	-	-	-	-	1896
RYAN, JENNIE MISS,	-	-	-	-	1893
SCANLON, WILLIAM,	-	-	-	-	1896
SCOTT, EARNEST HAROLD,	-	-	-	-	1888
SIMPSON, J. KIDD,	-	-	-	-	1884
SOUR, STEPHEN D.,	-	-	-	-	1896
SHULEAN, NELLIE MISS,	-	-	-	-	1893
TANNER, FRANCIS GRANT,	-	-	-	-	1895
TAYLOR, HENRY HULBURT,	-	-	-	-	1895
TESSIER, W. O.,	-	-	-	-	1887
TREAT, VEEDER G.,	-	-	-	-	1894
TUKE, HENRY C.,	-	-	-	-	1896
VANDAMME, WILLIAM,	-	-	-	-	1885
WHITING, ARTHUR FLEMING,	-	-	-	-	1895
WHIG, IVER C. J.,	-	-	-	-	1896
WILLIAMS, THEODORE F.,	-	-	-	-	1890
YOUNG, EUGENE W.,	-	-	-	-	1896



# Alumni Association,

OF THE

## MINNEAPOLIS COLLEGE OF PHYSICIANS AND SURGEONS.

(Medical Department of Hamline University.)

---

ORGANIZED APRIL 11, 1894.

---

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

### OFFICERS FOR 1896.

*President*—CHARLES W. MALCHOW, M. D., of Shakopee, Minn.

*Vice-Presidents*—GEORGE W. BLISS, M. D., of Valley Springs, S. D.

NELLIE S. SHULEAN, M. D., of Cambridge, Minn.

O. H. BAKKE, M. D., of Minneapolis, Minn.

*Secretary*—H. JEFFERSON O'BRIEN, M. D., of Superior, Wis.

*Treasurer*—CARL ESSEN, M. D., of Minneapolis, Minn.

*Historian*—H. NELSON HEFLIN, M. D., of Kewanee, Ill.

*Executive Board*—ALFRED OWRE, M. D., D. M. D., of Minneapolis, Minn.

JOSEPH RIDGWAY, M. D., of Minneapolis, Minn.

ROCK PHELPS MILLER, M. D., of Minneapolis, Minn.

J. R. AMY, M. D., of Minneapolis, Minn.

E. C. BOXELL, M. D., of St. Paul Park, Minn.

CHARLES W. MALCHOW, M. D., *ex-officio*.

H. JEFFERSON O'BRIEN, M. D., *ex-officio*.

The next annual meeting will be held on June 10, 1897. So far as their addresses can be obtained, all alumni are notified of the meetings through the mail. Those who do not receive such notices regularly are requested to furnish the secretary with their addresses, and keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar.

CHARLES W. MALCHOW, M. D.,

President.

H. JEFFERSON O'BRIEN, M. D.,

Secretary,

Superior, Wis.

Divinity School.

## Calendar, 1896=7.

---

1896—September 15, First Term begins.

September 24, Matriculation Day.

November 25, Thanksgiving Recess.

December 18, First Term ends.

1897—January 5, Second Term begins.

January 28, Day of Prayer for Colleges.

March 19, Second Term ends.

March 29, Third Term begins.

June 6, Baccalaureate Sermon.

June 10, Anniversary Exercises.

June 10, Third Term ends.

---

## FACULTY AND INSTRUCTORS.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,  
*Professor of Christian Evidences.*

REV. WILLIAM MCKINLEY, D. D., Dean,  
*Professor of Historical Theology and Lecturer on  
Ethics.*

REV. WILLIAM HANSOM, LL. D.,  
*Professor of Hebrew and Exegetical Theology.*

REV. FRANK B. COWGILL, A. M.,  
*Professor of Systematic Theology.*

REV. J. F. STOUT, A. M.,  
*Professor of Practical Theology.*

REV. J. B. HINGELEY, M. A.,  
*Associate Professor of New Testament Exegesis.*

REV. R. N. AVISON, A. M.  
*Associate Professor of Systematic Theology.*

REV. SAMUEL F. KERFOOT, B. D.,  
*Associate Professor of Practical Theology.*

REV. GEORGE S. INNIS, PH. D.,

*Professor of History.*

MILTON J. GRIFFIN, A. M.,

*Professor of Greek.*

EDWARD E. McDERMOTT, M. S.,

*Professor of Elocution.*

GEORGE S. INNIS, B. D.

*Librarian.*

A. Z. DREW, A. M.

*Registrar,*

---

## LECTURERS FOR 1896-97.

---

BISHOP C. H. FOWLER, D. D., LL. D.,

*Lecturer on Missions.*

REV. J. F. CHAFFEE, D. D.,

*Lecturer on Comparative Religions.*

REV. M. V. B. KNOX, D. D.,

*Lecturer on Anthropology.*

REV. E. P. ROBERTSON, A. M.,

*Lecturer on Sociology.*

REV. MATT. S. HUGHES, A. M.,

*Lecturer on Practical Theology.*

REV. E. L. WATSON, A. M.,

*Lecturer on Theism and Philosophy.*

## Courses of Study.

---

The course of instruction occupies three years.

Work in all the departments is continued throughout this period, but special emphasis is placed on Exegetical work during the Junior year; on Historical and Systematic Theology during the Middle year, and on Practical Theology during the Senior year.

### DEGREE COURSE.

This Course is especially arranged for students who have completed the Classical Course in an approved college, or for graduates holding other literary degrees than B. A. who have passed the required examination in Greek.

On the satisfactory completion of this course of study students will be entitled to the Degree of B. D.

### DIPLOMA COURSE.

This Course is designed for persons lacking the requisite qualifications for the Degree Course. Applicants for admission to this course are required to present certificates of standing attesting their educational acquirements or to pass a satisfactory examination.

Such as have not adequate knowledge of the Greek language will be furnished instruction in Elementary Greek during the first year.

Hebrew is offered as an elective study in the Diploma Course, or, as an equivalent, the student may take a thorough course in the study of the English Bible.

Those who have satisfactorily completed this course of study shall be entitled to the Diploma of the Divinity School.

#### SPECIAL COURSE.

Students whose circumstances do not permit them to pursue a regular course will be allowed to take a special course in such classes as the Faculty may approve, and shall be entitled to a certificate for the work done.

#### ENGLISH BIBLE.

The study of the English Bible is coming to be recognized as a necessity in Theological schools. Valuable and necessary as are the Hebrew and Greek, they are not enough. The preacher ought to be master of the English Bible as well, be thoroughly familiar with its contents and acquainted with the sources of information for each book. Hence we have arranged a special course on the English Bible, covering three years and including the study of the entire book.

Students whose work is satisfactory to the Faculty may avail themselves of special privileges of study offered in other departments of the University. The courses in Psychology, History, Logic, Biology, Music, Oratory and the Modern Languages will prove very attractive and useful. Any one preparing for missionary service may attend medical lectures free of expense.



# General Outline of the Course of Study.

---

## JUNIOR YEAR.

---

### EXEGETICAL THEOLOGY.

Elements of Hebrew Grammar in connection with the critical study of the text of Genesis. Translation and exegesis of selections from Samuel, Ruth and Judges.

The study of the Gospel of John, with reference to grammatical and lexical details. Selected readings from the Synoptic Gospels.

### HISTORICAL THEOLOGY.

Sacred History. The planting and training of the Christian Church. The Graeco-Roman and Eastern Church.

### SYSTEMATIC THEOLOGY.

The Sources of Theology; Theism; Being and Attributes of God; The Trinity; Creative Work; Providence.

Anthropology: The Primitive State and Fall of Man.

### PRACTICAL THEOLOGY.

Sacred Rhetoric. History of Preaching.

### ENGLISH BIBLE.

Theological Encyclopædia and Methodology. Versions of the English Bible. Scripture History.

## MIDDLE YEAR.

---

### EXEGETICAL THEOLOGY.

The critical study and translation of the text of Exodus. Selections from the Psalms with the study of the principles of Hebrew Poetry.

Critical study and translation of the Epistle to the Galatians. Selected readings in the Catholic Epistles.

### HISTORICAL THEOLOGY.

Mediaeval History to the Protestant Reformation.  
History of Christian Doctrine.

### SYSTEMATIC THEOLOGY.

Anthropology; Depravity; Sin. Christology. Soteriology. Eschatology.

### PRACTICAL THEOLOGY.

Homiletics. Liturgics. Catechetics.

### ENGLISH BIBLE.

The Literary Study of the English Bible. English Exegesis.

## SENIOR YEAR.

---

### EXEGETICAL THEOLOGY.

The critical translation and exegetical study of Isaiah. Selections from the Minor Prophets with the study of the principles of Hebrew Prophecy.

The critical study and translation of the Epistle to the Romans. Selected readings in the Pastoral Epistles.

**HISTORICAL THEOLOGY.**

History of Christian Doctrine. The Reformation and rise and growth of Modern Protestant Churches. History of Methodism.

**PRACTICAL THEOLOGY.**

Church Polity. Pastoral Duties. Sociology. Music and Hymnology. Church Enterprises; Missions; Educational Projects; Church Extensions.

**ENGLISH BIBLE.**

English Exegesis. Introduction to the Books of the Bible.

## General Information.

---

The Divinity School will open for students September 15, 1896, as one of the departments of Hamline University. It is intended to meet a recognized need throughout a large territory, with a rapidly developing Methodism, now unoccupied by any English-speaking evangelical theological school.

The necessity of a thoroughly equipped ministry in our generation is obvious. The progressive educational methods of adjacent conferences recognize it; the people demand it, while the church makes it "the duty of presiding elders and pastors to direct the attention of candidates for our ministry to the advantages offered in theological institutions."

The situation of the school is convenient and attractive, lying midway between two great cities with easy access to either and partaking of the advantages of both.

The general advantages of the University are enjoyed by all its members in common. The University Library, the Natural History Museum and Laboratory, the Reading Room, the Gymnasium, the Boarding Hall, etc., are open to all.

### LIBRARIES.

Members of the school will have access to the following libraries:

1. The Library of the University.
2. The Minneapolis and St. Paul city libraries.
3. The Library of the Minnesota Historical Society at the state capitol.

### SOCIETIES.

The students of the Divinity School will be eligible to membership in the various Literary and Debating Societies of the University.

### LECTURES.

In addition to the lecture courses of the University the leading lecturers of the country are frequently heard on the lecture platform of the Twin cities. Special courses of Bible study are presented in Minneapolis each year by the American Institute of Sacred Literature. Among the lecturers of recent years have been: President William Harper, L.L. D.; Professor Ira M. Price, Ph. D.; Rev. C. A. Briggs, D. D.; Rev. E. C. Bissell, D. D.; Professor R. G. Moulton, Ph. D.

### EXPENSES.

No charge is made to regular students for tuition, but a general fee of five dollars per term is charged for incidental expenses, such as steam, repairs and supervision.

Students may board at the University Dining Hall at the rate of two dollars and fifty cents per week. Furnished rooms can be obtained in private families at the rate of one dollar per week.

The expense of room, board, fuel, washing and light in private families will approximate four dollars per week. By boarding in clubs this amount may be greatly reduced.

### AID FOR STUDENTS.

Through the Board of Education of the Methodist Episcopal church financial aid, to a limited extent, may be rendered to students who are properly recommended and approved.

Students, having the permission of the Faculty, may support themselves entirely or in part by supplying pastoral charges in the vicinity.

Many private methods of self-support are found in addition by aggressive students.

### GIFTS AND BEQUESTS.

The trustees will gladly furnish, through the president, any information desired concerning the endowment of chairs or the enlargement of the facilities of the school for permanent usefulness. No better opportunity could be presented for the exercise of christian beneficence and the elevation of society than the support of the institution in its endeavor to fit men by scholarly attainments and practical training to be effective preachers of the gospel and ready for any service which may be required by the church. Bequests should be left to "The Trustees of the Hamline University of Minnesota, for the use of the Divinity school."

### FURTHER INFORMATION.

Students or others desiring further information concerning any work or interest of the school, may secure fuller explanation by writing to the president or registrar of the University.

# INDEX.

Admission.....	16, 64	Faculty.....	6, 59, 85
Advanced Standing...	17, 65	General Information...	
Alumni Association...	81	.....	51, 63, 92
Board.....	52, 76	Ladies' Hall.....	52
Calendar.....	2, 62, 84	Lecturers.....	86
College of Liberal Arts.	5	Library.....	51
College of Medicine...	57	Location.....	51
College of Theology...	83	Music.....	47
Conference Visitors...	4	Museum.....	34
Corporation.....	3	Officers of the Board...	4
Courses of Instruction..		Preparatory Departm'nt	38
.....	15, 19, 36, 66, 87	Physical Culture.....	51
Degrees.....	17, 74, 87	Religious Services.....	55
Divinity School.....	83	Rooms.....	52
Elocution.....	44	Societies.....	55
Examinations.....	17, 73	Students.....	8, 39, 77
Executive Committee...	4	Summary of Students..	50
Expenses.....	53, 75, 93	Trustees.....	3, 58









376  
H  
06-97

8-10-99  
LIBRARY  
OF THE  
UNIVERSITY OF CALIFORNIA  
B2

Hamline, Minn



# Hamline University

1896-97

JUN 25 1897



# Catalogue

OF

## Hamline University

College of Liberal Arts.

College of Medicine.

College of Theology.

1896='97.

---

HAMLIN, MINN.

## Calendar.

---

- 1897—September 14, *Tuesday*, Fall Term begins.  
September 14, *Tuesday*, Entrance Examinations.  
December 16-17, *Thursday-Friday*, Term Examinations.

### VACATION OF TWO WEEKS.

- 1898—January 4, *Tuesday*, Winter Term begins.  
March 17-18, *Thursday-Friday*, Term Examinations.  
March 18, *Friday*, Winter Term ends.  
March 28, *Monday*, Spring Term begins.  
May 23-24, *Monday-Tuesday*, Senior Examinations.  
June 5, *Sunday*, 10:30 A. M., Baccalaureate Sermon.  
June 6, *Monday*, Entrance Examinations.  
June 6-7, *Monday-Tuesday*, Term Examinations.  
June 7, *Tuesday*, 3 P. M., Address before the Historical Society.  
June 8, *Wednesday*, Alumni Day.  
June 8, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.  
June 8, *Wednesday*, 4 P. M., Class Day Exercises.  
June 9, *Thursday*, 2 P. M., Annual Commencement.

# Corporation.

## Trustees.

TERM EXPIRES 1897.

REV. J. F. CHAFFEE, D. D.,	MINNEAPOLIS.
F. A. CHAMBERLAIN, Esq.,	MINNEAPOLIS.
HON. A. C. HICKMAN,	UNION PARK.
REV. G. H. BRIDGMAN, D. D.,	HAMLIN.
HON. W. H. EUSTIS,	MINNEAPOLIS.

TERM EXPIRES 1898.

BISHOP ISAAC W. JOYCE, D. D.,	MINNEAPOLIS.
HON. M. G. NORTON,	WINONA.
A. W. BRADLEY, Esq.,	DULUTH.
C. H. GRISWOLD, M. D.,	ST. PAUL.
REV. W. MCKINLEY, D. D.,	ST. PAUL.

TERM EXPIRES 1899.

HON. H. R. BRILL, LL. D.,	ST. PAUL.
HON. J. T. WYMAN,	MINNEAPOLIS.
S. S. THORPE, Esq.,	MINNEAPOLIS.
PROF. E. F. MEARKLE, LL. B.,	HAMLIN.
COL. PERRY HARRISON,	MINNEAPOLIS.
HON. JAMES QUIRK,	MINNEAPOLIS.

TERM EXPIRES 1900.

REV. CYRUS BROOKS, D. D.,	ST. PAUL.
ALFRED J. DEAN, Esq.,	MINNEAPOLIS.
B. F. NELSON, Esq.,	MINNEAPOLIS.
REV. W. A. SHANNON,	DULUTH.
HON. LEONIDAS MERRITT,	DULUTH.

## Conference Visitors.

---

### MINNESOTA CONFERENCE.

[Who are also ex-officio Trustees.]

REV. G. S. PARKER, A. M.

REV. R. N. AVISON, A. M.

REV. W. E. KING, A. M.

REV. J. A. SUTTON, B. D.

REV. J. F. PORTER, A. M.

REV. T. A. JONES, A. M.

REV. R. N. JOSCELYN, A. M.

### NORTHERN MINNESOTA CONFERENCE.

REV. J. B. HINGELEY, D. D.

REV. F. S. KERFOOT, B. D.

REV. R. H. CRAIG, A. M.

REV. C. W. LAWSON, A. M.

REV. H. W. KNOWLES, A. M.

---

## Officers of the Board.

[Who are Executive Committee ex-officio.]

---

REV. J. F. CHAFFEE, D. D., *President.*

HON. M. G. NORTON, *First Vice-President.*

HON. J. T. WYMAN, *Second Vice-President.*

REV. F. B. COWGILL, *Secretary.*

PROF. E. F. MEARKLE, LL. B., *Treasurer.*





# College of Liberal Arts.



## Faculty.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,  
*Professor of Mental and Moral Science.*

LOREN H. BATCHELDER, A. M., Dean,  
*Carrie A. Widstrand Professor of Chemistry and Physics.*

REV. GEORGE S. INNIS, PH. D.,  
*Professor of History.*

ERASTUS F. MEARKLE, LL. B.,  
*Rebecca M. Harrison Professor of Mathematics.*

MILTON J. GRIFFIN, A. M.,  
*Professor of Greek and Modern Languages.*

HENRY L. OSBORN, PH. D.,  
*Professor of Biology and Geology.*

WILLIAM E. THOMPSON, A. M.,  
*Professor of the Latin Language and Literature.*

ARTHUR Z. DREW, A. M.,  
*Assistant Professor of Mathematics.*

JULIA LOAG,  
*Preceptress and Professor of English Literature.*

EDWARD E. McDERMOTT, M. S.,  
*Elocution.*

MRS. HENRY L. OSBORN,  
*Piano.*

WILLIAM H. CLARK,  
*Vocal Music.*

CHARLES DE LACY,  
*Vocal Music and Chorus.*

JOHN A. VAN DYKE, A. M.,  
*Lecturer on Pedagogics.*

REV. F. B. COWGILL, A. M.,  
*English Bible.*

REV. J. F. STOUT, D. D.,  
*English Bible.*

RAYMOND P. KAIGHN,  
*Physical Director.*

ALBERT R. LEACH, PH. B.,  
*Assistant in Biology.*

WILLIAM B. BRIDGMAN,  
*Assistant in Chemical Laboratory.*

EDITH M. E. PRIBBLE,  
*Assistant in Elocution.*

GEORGE S. INNIS, PH. D.,  
*Librarian.*

ARTHUR Z. DREW, A. M.,  
*Registrar.*

## Collegiate Department.

---

### STUDENTS.

---

#### Senior Class.

BARNES, FRANCIS G.,	<i>Hamline</i>
BENHAM, PEARL,	<i>Hamline</i>
BOWERS, WALTER E.,	<i>Rochester</i>
BRIDGMAN, WM. B.,	<i>Winona, Ontario</i>
CHADBOURNE, ALFRED G.,	<i>Redwood Falls</i>
CLARK, OWEN J.,	<i>Clinton</i>
COLYER, REBECCA F.,	<i>Morris</i>
DOBNER, HARRY G.,	<i>Lake City</i>
DOUGLAS, GEO. R.,	<i>Pembina, North Dakota</i>
FAUS, RUTH I.,	<i>Montevideo</i>
FOSTER, ADELE F.,	<i>Hector</i>
GRANT, W. MORTIMER,	<i>Hamline</i>
HALL, MAY R.,	<i>Wood Lake</i>
LYMAN, ADELBERT R.,	<i>Redwood Falls</i>
MARTIN, ERNEST G.,	<i>Hamline</i>
MAXWELL, JENNIE A.,	<i>Appleton</i>
NELSON, ADOLPHUS P.,	<i>Hamline</i>
PARK, ELEANOR T.,	<i>Minneapolis</i>
PEMBERTON, JOHN, SR.,	<i>Hamline</i>
RICH, EDWARD A.,	<i>Hamline</i>
SMITH, FRANCIS N.,	<i>Hamline</i>
TASKER, PRUDENCE,	<i>Hamline</i>
THURBER, WM. L.,	<i>Hamline</i>
WALLACE, ERNEST H.,	<i>Drayton, North Dakota</i>
WILKINSON, THOMAS H.,	<i>St. Peter</i>

# Junior Class.

BARKULOO, PAUL A.,	<i>Clearwater</i>
CALDWELL, GUY L.,	<i>Farmington</i>
COOK, SILAS A.,	<i>Blue Earth City</i>
COTTON, ANNA L.,	<i>Nashua, Iowa</i>
CROSSEN, HUGH C.,	<i>Wheatland, North Dakota</i>
DOUGLAS, S. WARREN,	<i>Minneapolis</i>
EDMUNDS, WM. MORLEY,	<i>Drayton, North Dakota</i>
FAWCETT, ARTHUR C.,	<i>Marion</i>
GRALING, MARY M.,	<i>Spring Valley</i>
LAWRASON, R. OSCAR,	<i>White Bear</i>
MCCLAY, LAURA A.,	<i>Montevideo</i>
MCKINSTRY, MABEL H.,	<i>Winnebago City</i>
MORK, BYRON,	<i>Madison</i>
PAYNE, CARROLL E.,	<i>Dexter</i>
PETERSON, PAUL,	<i>Lake Crystal</i>
PUFFER, LEWIS M.,	<i>Guelph, North Dakota</i>
RICHARDSON, A. LAVERNE,	<i>West Duluth</i>
RICHARDSON, ELMER,	<i>Drayton, North Dakota</i>
RIDGWAY, BEATRICE L.,	<i>Hamline</i>
SHUCK, ADRIA D.,	<i>West Duluth</i>
SHUMAN, BERTRAM A.,	<i>Wichita, Kansas</i>
STEBBINS, ANSTIS C.,	<i>Kenyon</i>
STEBBINS, DWIGHT W.,	<i>Kenyon</i>
STIRRATT, O. JAY,	<i>Prescott, Wisconsin</i>
TERRY, ROBT. W.,	<i>Slayton</i>
TETHER, CHESTER H.,	<i>Hamline</i>
WALLACE, MAUD E.,	<i>Hamline</i>

**Sophomore Class.**

ADAMS, ELLEN MAY,	<i>Hamline</i>
ALLEN, LULU F.,	<i>Dundas</i>
ATHA, EARL T.,	<i>Ortonville</i>
BLOOMFIELD, WINNIFRED W.,	<i>Hamline</i>
CALDWELL, D. KNOX,	<i>Farmington</i>
COLEMAN, FRED,	<i>Dodge Center</i>
COOKE, J. CHAS.,	<i>Brownsdale</i>
DACK, ORA E.,	<i>Stanton</i>
DONAHUE, BLANCHE,	<i>Mason City, Iowa</i>
EVANS, JESSIE H.,	<i>Hamline</i>
FLUKE, MAY C.,	<i>Farmington</i>
HART, FRANKIE M.,	<i>LaCrosse, Wisconsin</i>
HART, LOUIE B.,	<i>LaCrosse, Wisconsin</i>
JUDSON, WM. E.,	<i>Medford</i>
LAUVER, LILLIE B.,	<i>Red Wing</i>
LEWIS, LEONA,	<i>Afton</i>
LINK, LILLIAN C.,	<i>Marshall</i>
MARTIN, ARTHUR W.,	<i>Hamline</i>
MERRITT, LEWIS H.,	<i>Duluth</i>
MERRITT, LUCIEN,	<i>Duluth</i>
OLSEN, T. ARTHUR,	<i>Hamline</i>
VAIL, JAS. R.,	<i>Fulda</i>
WALLACE, ERNEST I.,	<i>Tracy</i>
WALLACE, LEWIS H.,	<i>Drayton, North Dakota</i>
WELD, ETHEL I.,	<i>Windom</i>
WESTFALL, EDNA M.,	<i>Redwood Falls</i>
WHITNEY, DAVID H.,	<i>Hamline</i>
YOUNG, WM. W.,	<i>Minneapolis</i>

**Freshman Class.**

AARNES, ALVILDA A.,	<i>Montevideo</i>
ANDERSON, LYDIA M.,	<i>Milan</i>
BAKER, ANNA M.,	<i>Montevideo</i>
BALDWIN, GERTRUDE,	<i>Marshall</i>
BENHAM, GRACE,	<i>Hamline</i>
BENSON, ELSIE,	<i>Heron Lake</i>
BOORMAN, ORIZABA,	<i>Mauston, Wisconsin</i>
BUDD, ETHEL M.,	<i>Montevideo</i>
CAMPBELL, LOIS I.,	<i>Melrose</i>
CAMPBELL, MAUD M.,	<i>Melrose</i>
CARLETON, RALPH,	<i>Plainview</i>
COLBY, ESTHER J.,	<i>Plainview</i>
COLLETT, CHAS. E.,	<i>Canton</i>
CRIST, NINA V.,	<i>Hamline</i>
CURRY, ANNA M.,	<i>Farmington</i>
DOUGLAS, BESSIE,	<i>Pembina, North Dakota</i>
EDMUNDS, HERBERT E.,	<i>Drayton, North Dakota</i>
ELFORD, CLARENCE F.,	<i>Douglas</i>
GOLD, EDITH M.,	<i>Big Stone City, South Dakota</i>
GOLD, MABEL E.,	<i>Big Stone City, South Dakota</i>
GREAVES, ELWIN B.,	<i>Glencoe</i>
HALL, BENJ. F.,	<i>Wood Lake</i>
HOHMAN, SUSAN C.,	<i>Bird Island</i>
HONEY, H. BEATRICE,	<i>Park River, North Dakota</i>
INNIS, HOMER C.,	<i>Hamline</i>
KIRK, HARRY S.,	<i>London, England</i>
KRINBILL, CLARENCE E.,	<i>Rochelle, Illinois</i>
LETCHER, JOHN,	<i>Hamline</i>
MAGRAW, FLORENCE A.,	<i>Hamline</i>
MALLORY, MELVIN N.,	<i>Plainview</i>
McKAIG, ROBT. RAY,	<i>Hamline</i>
McNEIL, MARY C.,	<i>Detroit</i>
MORRILL, ROBT. A.,	<i>Byron</i>
NELSON, GEO. H.,	<i>St. Paul Park</i>
OGREN, JOHN W.,	<i>Minneapolis</i>

PACKARD, FRANK E.,	<i>Wadena</i>
RICH, DEBORAH L.,	<i>Hamline</i>
ROSSMAN, FLOY A.,	<i>Hamline</i>
SHADINGER, GUY H.,	<i>Glencoe</i>
SPERRY, GRACE A. V.,	<i>Wasioja</i>
TAYLOR, ROBT. J.,	<i>Hamline</i>
TISDALE, FRED.,	<i>Fordyce, Ontario, Canada</i>
VAN CAMP, ELIJAH,	<i>St. Thomas, North Dakota</i>
VORUM, IDA M.,	<i>Farmington</i>
WALDRON, CHAS. A.,	<i>Buffalo</i>
WALLACE, MABEL A.,	<i>Hamline</i>
WEBBER, HOWARD ARTHUR,	<i>Hamline</i>
WESTFALL, ADAH E.,	<i>Redwood Falls</i>
WHITCOMB, ORRIN J.,	<i>Byron</i>



**College Specials.**

BABCOCK, GEO. P.,	<i>Hamline</i>
BATDORF, DOLLIE,	<i>Maple Plain</i>
BATDORF, NORMAN,	<i>Maple Plain</i>
BENHAM, ROY H.,	<i>Hamline</i>
BOTKIN, MYRTLE F.,	<i>Hamline</i>
CILLEY, HERBERT S.,	<i>Minneapolis</i>
COGHLAN, EDWIN R.,	<i>Wood Lake</i>
CONGDON, MARGARET,	<i>St. Paul</i>
FUNK, CLARA L.,	<i>Hamline</i>
GROVER, EDNA M.,	<i>Amhurst, Wisconsin</i>
HILL, FRED W.,	<i>Round Head, Ontario</i>
JOHNSON, CURTIS M.,	<i>Rush City</i>
KAIGHN, RAYMOND P.,	<i>Philadelphia, Penn.</i>
KINSMAN, GEO. R.,	<i>Hamline</i>
LAWSON, FLOYD A.,	<i>Hamline</i>
MARSH, LOIS N.,	<i>Briton, South Dakota</i>
MERRITT, JAMES,	<i>Duluth</i>
MORGAN, FRANK W.,	<i>Hamline</i>
NICHOLS, LUCETTA H.,	<i>Waltham</i>
OLSON, ELIZABETH,	<i>Afton</i>
PRIBBLE, EDITH M. E.,	<i>Anoka</i>
RITCHIE, ABSIE P.,	<i>Withy, Missouri</i>
SMITH, ROBERT L.,	<i>Reed's Landing</i>
TAYLOR, FRED H.,	<i>Hamline</i>
TAYLOR, LUELLA S.,	<i>Pipestone</i>
TAYLOR, ORVILLE S.,	<i>Pipestone</i>
VALLENTYNE, J. WESLEY,	<i>Hamline</i>
WATSON, GEO. P.,	<i>Hamline</i>
WENGER, FERDINAND A.,	<i>Hamline</i>
WENGER, IDA,	<i>Hamline</i>
WILLIAMS, CHRISTIE A.,	<i>Duluth</i>
*WOLD, LILLIAN J.,	<i>Rock Rapids, Iowa</i>

\*Deceased.

## **Courses of Study.**

---

Three courses of study are open to the members of the College of Liberal Arts.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSES. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

## Requirements for Admission to the Freshman Class.

---

### Classical Course.

- LATIN:      Cæsar, Gallic War, four books.  
              Virgil, Æneid, four books.  
              Cicero, Five Orations.  
              Latin Grammar, Allen and Greenough's or an equivalent.
- GREEK:      Xenophon, Anabasis, three books.  
              Homer, Iliad, one book.  
              Greek Grammar, Goodwin's or an equivalent.
- MATHEMATICS: Plane and Solid Geometry.  
                  Algebra, through Quadratic Equations, Wentworth's  
                  or an equivalent.
- ARITHMETIC: Including the Metric System.
- ENGLISH:    English Grammar and Analysis.  
              Orthography and Composition.
- HISTORY:    History of Rome.  
              History of Greece.  
              History of the United States.
- 

### Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

### **Examination for Admission.**

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

### **Record and Examination.**

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

### **Advance Standing.**

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

### **Registration—Deficient Work.**

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

## Degrees.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

## Master's Degree.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and, before the degree is conferred an additional fee of \$5.00 will be charged.

## GRADUATE STUDENTS IN THE MASTER'S COURSE.

ALBERT R. LEACH,	Biology,	<i>Hamline</i>
ISAAC J. DUNN,	Political Economy,	<i>Hamline</i>
HARIETTE FOSS,	History,	<i>Virginia</i>
JENNIE B. MORGAN,	History,	<i>Galva, Ill.</i>
EUGENE M. PHILLIPS,	History,	<i>Dawson</i>
ESTELLA SCOFIELD,	History,	<i>Ortonville</i>
EDWARD H. WALLACE,	History,	<i>Armenia, North Dakota</i>

## Course of Study by Departments.

---

### Latin.

COURSE A.—Livy, Books I and XXI, four times a week for two terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—Horace, four times a week for the Spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rythmical reading of the odes. Required of all Freshmen.

COURSE C.—Sophomore Year—

I. Terence, five times a fortnight for the Fall term; to illustrate the earlier stage of the language and the Roman comedy.

II. Cicero, five times a fortnight during the Winter term; the philosophical writings are read and discussed, *De Amicitia* as a basis.

III. Horace, five times a fortnight during the Spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism.

The Latin of the Sophomore year is elective, and the subjects selected for reading are changed at different times; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—Latin Hymns, twice a week during third term of Junior year; a study of the Hymnology of the Early Christian Church, together with practice in sight-reading. Elective to Juniors and Seniors who have taken Courses A and B.

## COURSE E.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed.

COURSE F.—In the Fall and Winter terms of Senior year a special course in methods of Classical Study and Teaching will be provided for those intending to teach preparatory Latin after graduation.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

---

## Greek.

Greek is begun in the second year of the preparatory department, but college students are admitted to the class. The Professor of this department would urge all students who are fond of languages to take the classical course, as the most eminent authorities claim that the highest culture cannot be obtained without the study of Greek.

White's "First Greek Book" will be used during the Fall and Winter terms of the first year. The aim will be to combine thorough grammatical drill with a conversational method somewhat after the manner of modern language study. In the Spring term the "Gate to the Anabasis" will be used.

SECOND YEAR.—The *Anabasis* is read two terms. The study of the grammar is continued with the aim of making the text more intelligible and enjoyable as *literature*. In the third term the

Iliad is read. Scanning is carefully studied and the class is drilled in metrical reading. Epic forms are thoroughly studied and compared with corresponding Attic ones.

During the Freshman year the Odyssey will be read in the Fall term, Herodotus in the Winter, Select Orations of Lysias in the Spring. The aim is to study these works as literature and also as helps to language study, mental discipline and general culture. Metrical reading of the poetry will be continued, and study of life in Homeric times; the composition and derivation of words, and in connection with Lysias, the government and courts of Athens, and everything necessary to the understanding of the orations.

But few students can afford to miss the reading and study of these great works.

---

## German

Is begun in the Sophomore year. "Collar's Shorter Eysenbach" is used. Students are carefully drilled in pronunciation; short selections are committed to memory and used as a basis for conversation.

II. The study of the grammar is continued during the Winter term and translation from some German reader is begun. Whitney's will be used in 1897-98.

III. The reader will be used in the Spring term of 1898, as in 1897. The English sentences of the grammar are translated into German, as far as time allows, and the selections read are used as material for conversation in the class.

In the Junior year German is an elective for those who have taken Course II. The works read vary from year to year; in the Fall term of 1897-98, "Der Trompeter von Sickingen" will be read; in the Winter term the same work will be finished. In the Spring term Freytag's "Doktor Luther" will be read. A part of the required work will be the reading of Hosmer's History of German Literature, as collateral work *for the entire year*. The constant aim in this department will be to train the ear to the understanding of spoken German, to acquire some facility in speaking the language, and a good degree of facility in translation from German into English and as far as possible the understanding of it without translation. It is deemed of great importance that the students be carefully drilled during the whole course in the subjects of gender, declension, conjugation, principal parts of verbs, and syntax.



## French.

I. French is elective in the Sophomore year. Part I of Edgren's French Grammar is learned during the Fall term. Careful attention is paid throughout the course to pronunciation.

II. In the Winter term a reader is used. In 1897-98 it will be Whitney's "Introductory French Reader." Mazurelle's "French Course" will also be used with direct reference to learning to write and speak the language.

III. In the Spring term the same books will be used. Students are expected during this course to master the conjugations, become quite familiar with the gender of nouns and the leading features of the grammar and to acquire considerable facility in reading and translation from French into English, and easy sentences from English into French. Special attention will be paid to the training of the students in the understanding of spoken French. Oral exercises will form an important part of the work.

---

## English Language and Literature.

COURSE A.—Study of Words and History of English Language, twice per week during all of Freshman year. Required of all Latin-Scientific Freshmen.

COURSE B.—Rhetoric, four times a week during Fall term. A course of study of the principles and practice of rhetoric, both as a foundation for the study of English Literature and for application in the practice of composition. Required of all Juniors.

COURSE C.—General Introduction to English Literature, four times a week for Winter and Spring terms. An outline of the History of English Literature, with Pancoast's Outlines as a guide, and with assigned collateral illustrative reading. Required of all Juniors in Winter and optional in Spring term.

COURSE D.—Advanced Course. A critical and appreciative study of English Authors, twice a week through the Senior year. For 1897-98, the subjects will be:

I. Fall term; The English Novel; its elements as a literary form; its tendencies, with illustrative studies from early and modern novelists.

II. Winter term: Studies in the Art of Shakspeare, to include a study of the workmanship of plays from the early, middle and later periods of his work.

III. Spring term: Lyric Poetry, especial attention being devoted to Wordsworth, Coleridge, Shelley, Keats, Byron, Browning, Lowell, Longfellow, Tennyson.

Course D will be optional to Seniors who have completed Courses B and C, and can profitably pursue courses requiring considerable independent work; there will be lectures given by the professor; also, topics will be assigned for treatment by the students; a large amount of collateral reading will be necessary in connection with the course, which is planned to be chiefly critical and appreciative rather than historical.

Students planning to take Course D in 1897-98 should familiarize themselves with the following works: Richard III., Merchant of Venice, Macbeth, Julius Cæsar, King Lear, Hamlet, Tempest, Robinson Crusoe, The Spy, Last Days of Pompei, Henry Esmond, Silas Marner, Great Expectations, Son of Hagar, Kidnapped.

COURSE E.—Composition. All Freshmen and Sophomores are met each week for exercises in English Composition; the work includes practice both in literary and oral expression, taking the form of essays, sketches, declamations delivered in the presence of the class, with criticism from the instructor, and in some cases also from members of the class.

COURSE F.—Chapel Orations and Essays, are required to be written and delivered by all Juniors and Seniors before an audience in the college chapel, once each term. These articles are based on more or less extended original reading and research, and have the benefit of personal criticism from the professor in charge before they take their final form.

## **Mental and Moral Philosophy.**

COURSE A.—Psychology, four times a week through Fall term.

This is a general elementary course of study of the outlines of the science; it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—Moral Science, four times a week during Winter term.

Optional for Seniors.

COURSE C.—Natural Theology, twice a week through Spring term.

Optional for Seniors.

COURSE D.—Evidences of Christianity, twice a week through Spring term. Optional for Seniors.

COURSE E.—Bible Study, once a week through four years. Each of the college classes devotes one recitation a week to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

---

## **Historical and Political Science.**

### **I. HISTORY.**

COURSE A.—Modern History. A half-study, elective for the Sophomores. Fisher's Modern History is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

COURSE B.—Science of Government. A half-study, required during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in Bryce's American Commonwealth. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—History of Civilization. A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

## II. POLITICAL ECONOMY.

COURSE A.—Introduction to the Study of Political Economy. A half-study, optional with the Juniors for the Spring term. Walker's Political Economy, Advanced Course, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work under charge of the professor, and of theses read before the Senior class.

---

## Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Van Dyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

## International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

---

## American Constitutional and Common Law.

This course is a Senior elective, five times a fortnight, through the second and third terms. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Great Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

---

## Mathematics and Astronomy.

COURSE A.—I. Algebra—Wentworth's Complete. Radicals, Theory of Exponents, Logarithms, Progression, Choice, Chance. Five times a week, Fall term.

II. Plane Trigonometry—Wentworth. Five times a week, Winter term.

III. Spherical Trigonometry—Wentworth: four weeks. Analytical Geometry—Olney: six weeks. Five times a week, Spring term.

This course required of all Freshmen.

COURSE B.—I. Calculus—Olney. Five times a fortnight, Fall and Winter terms.

II. Mensuration and Surveying—Carhart. Five times a fortnight, Spring term.

This Course is elective for Sophomores and is offered only on alternate years; it will be open in 1898-9.

COURSE C.—Astronomy, three times a week, Spring term. An outline course in Descriptive Astronomy. Elective for Juniors.

## Physics.

COURSE A.—Elementary Mechanics. This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotatory motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses.

COURSE B.—Physics. I. Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases; sound; heat; electricity and magnetism; and light. Instruction is given by means of recitation and experimental lectures.

Courses A and B are required.

COURSE C.—Physics. II. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects.

---

## Chemistry.

COURSE A.—General Chemistry. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner.

COURSE B.—Basic Qualitative Analysis. I. This course extends through the third term of Junior year, two afternoons each week. It consists almost wholly of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of chemical equations.

COURSE C.—Qualitative Analysis. II. This course, which extends through the first term of Senior year, four hours per week, continues the work of Course B. Especial attention is given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe.

COURSE D.—Quantitative Analysis. This course extends through the second and third terms of Senior year. The student is first taught the use of the balance and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods.

Course A is required of all students; the remaining courses are elective. For the year of 1897-98 Seniors may elect Physics Course C or Chemistry Courses C and D.

---

## Biology.

COURSE A.—Elementary Invertebrate Zoology. Three times a week, for three terms, as follows:

- I. Protozoa and Coelenterates and Echinoderms, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold: first, to train students to the habits of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-water or land animals are selected as far as possible. Groups are taken up seriatim and several representative forms of every principal group are examined. Among the forms actually studied are such as Amoeba, Euspongia, Hydra, Asterias, Strongylocentrotus, Unio, Ostrea, Lumbricus, Cambarus, Eupagurus, Pinnotheres, Cyclops, Branchippus, Caloptenus and many others. The work is a course of lectures required to be reported by the students, of laboratory work on the animals referred to, or on some closely allied ones, and of frequent theses based both on dissections and on reading in the Goodrich Alcove of the library. There are fortnightly quizzes. Required of all Latin-Scientific Freshmen, optional to classical students of all the upper classes.



COURSE B.—I. General Biology, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large number of animal and plant cells by examination of *Amoeba*, Yeast, *Protoctus*, *Penicillium*, *Spirogyra*, Geranium Leaf, *Paramecium*, *Vorticella*, *Hydra*, and other subjects. Then the conditions of cell-life are investigated on Yeast as a subject. The condition of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations. Required of all Juniors.

II. Vertebrate Morphology, twice a week through the Winter term. The anatomy, and, to some extent, the histology of the smelt, the salamander and the squirrel are investigated, with side readings and thesis writing on the results of the work. Required of all Juniors.

III. Mammalian Histology, twice a week through the spring term. Mounted sections are furnished to the class from the chief tissues and organs, and the student is expected to recognize and draw the cellular structure which they exhibit. This course is essential in preparation for Course C, all anatomy and histology being assumed in that course, so that students who plan to elect Physiology should elect this. The course is optional to all Juniors.

COURSE C.—Mammalian Physiology, four times a week for the first half year. This is chiefly a lecture and reading course; demonstrations are given, but the strict laboratory study of physiology is not attempted. The attempt is, however, made in the course to, so far as possible, consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. Optional for Seniors.

COURSE D.—Advanced Biology, twice a week through the Senior year. This is largely an individual course, intended for those who are preparing to specialize in biology. It is only open to those who have shown proficiency in the lower courses. So far as possible it is planned to devote the Fall term and the Winter term to work on Vertebrate Anatomy on the basis of Weidensheim's, Comparative Anatomy, and the Spring term to Vertebrate Embryology, but special work will be planned if necessary to meet individual cases. The work will include practice in some of the simpler methods of microscopical technique.



Course D is optional to Seniors but limited to those capable of doing independent work.

During the course of the year lectures are delivered informally and not according to programme on biological and speculative subjects, which are designed to show to the student the present positions of research in biological science.

#### NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for forty students at one time. There are twenty-five compound microscopes, and full supplies of dissecting instruments, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on. The museum is a very large apartment, being in fact the entire third story of Science Hall. It is gradually coming to have a very extensive collection for illustrating the lectures and other studies of the department, and is also an important factor in the general instruction of the student. It is open every day, and is largely visited. All the collections in the museum are serially arranged, and most of the specimens are named and to some extent they are described. The description of the specimens by type-written labels will be a very great aid to the usefulness of this department. The library has received, through the benevolence of Mr. C. G. Goodrich, of Minneapolis, the gift of \$1,000 to be used for the purchase of biological books. These have in part been purchased, and they now make it possible for students to gain an insight into biological literature when they are studying any of the subjects of the course. Some of the current biological periodicals are taken by the department, and these and "separates," as well as the more useful reports and many books are kept in the biological laboratory and are constantly available to the students for reference.

---

## Geology.

COURSE A.—Elements of Geology, four times a week through the last half of the year. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Seniors.

## Synopsis of the Course of Study.

FRESHMAN YEAR.	Fall Term.	LATIN.—Livy. 4. MATHEMATICS.—Algebra, Wentworth's Complete. 5. <i>Classical.</i> —GREEK, Herodotus. 5. <i>Latin Scientific.</i> —TRENCH on Study of Words. 2. " " ELEMENTARY ZOOLOGY. Protozoa and Coelenterata. 3.
	Winter Term.	LATIN.—Livy. 4. MATHEMATICS.—Plain and Spherical Trigonometry. Olney. 5. <i>Classical.</i> —GREEK, Plato, Apologia. 5. <i>Latin Scientific.</i> —TRENCH. 2. " " ELEMENTARY ZOOLOGY. Echinoderms, Scolecids and Mollusks. 3.
	Spring Term.	LATIN.—Horace. 4. MATHEMATICS.—Spherical Trigonometry completed. Analytical Geometry, Olney. 5. <i>Classical.</i> —GREEK, Xenophon, Memorabilia. 5. <i>Latin Scientific.</i> —TRENCH. 2. " " ELEMENTARY ZOOLOGY. Annelids and Arthropods. 3.
SOPHOMORE YEAR.	Fall Term.	<i>Required.</i> MATHEMATICS.—Mechanics, Carhart. 4. GERMAN OR FRENCH.—5. <i>Electives—Two to be Taken.</i> LATIN.—Terence, Literature. 2½. GREEK.—Demosthenes, De Corona. 2½. CALCULUS.—Olney. 2½. HISTORY.—2½.
	Winter Term.	<i>Required.</i> MATHEMATICS.—Mechanics completed. Physics, Carhart. 4. GERMAN OR FRENCH.—5. <i>Electives—Two to be Taken.</i> LATIN.—Cicero's Laelius or Pliny's Letters; Literature. 2½. GREEK.—Sophocles Oedipus Tyrannus. 2½. CALCULUS.—2½. HISTORY.—2½.
	Spring Term.	<i>Required.</i> MATHEMATICS.—Physics; Lectures. 4. GERMAN OR FRENCH.—5. <i>Electives—Two to be Taken.</i> LATIN.—Horace De Arte Poetica or Quintilian; Literature. 2½. GREEK.—Aristophanes, The Clouds. 2½. MENSURATION AND SURVEYING.—Carhart. 2½. HISTORY.—2½.

The figures indicate the number of class exercises per week.  
 Fifteen exercises per week, including Bible study, required.

JUNIOR YEAR.			
	Spring Term.	Winter Term.	Fall Term.
	<p>ENGLISH LITERATURE.—4.                      LOGIC.—McCosh. 3.                      GERMAN.—Goethe. 3.                      QUALITATIVE ANALYSIS.—Philosophy of Chemistry. 2.                      POLITICAL ECONOMY.—3.                      DESCRIPTIVE ASTRONOMY.—Young. 3.                      MAMMALIAN HISTOLOGY.—2.  <i>Classical</i>.—GREEK, New Testament. 2.  <i>Latin Scientific</i>.—March's Latin Hymns or Lucretius or Tacitus. 2.</p>	<p>ENGLISH LITERATURE.—4.                      GERMAN.—2½.                      HISTORY.—Government. 2½.                      QUALITATIVE ANALYSIS.—Appleton. 3.                      VERTEBRATE MORPHOLOGY.—2.</p>	<p>RHETORIC.—4.                      GERMAN.—2½.                      HISTORY.—Government. 2½.                      CHEMISTRY.—Remsen; Laboratory Practice. 3 (afternoons).                      GENERAL BIOLOGY.—2 (afternoons).</p>
SENIOR YEAR.			
	Spring Term.	Winter Term.	Fall Term.
	<p>NATURAL THEOLOGY.—Chadbourne; Lectures. 2.                      EVIDENCES OF CHRISTIANITY.—Hopkins. 3.                      INTERNATIONAL LAW.—3.                      GEOLOGY.—4.                      AMERICAN COMMON LAW.—Lectures. 3.                      SOCIOLOGY.—4.                      EDUCATION.—2.                      ENGLISH LITERATURE.—2.                      PHYSICS or CHEMISTRY.—2.                      BIOLOGY.—2.</p>	<p>HUMAN BODY; GEOLOGY.—4.                      POLITICAL ECONOMY.—4.                      HISTORY.—Civilization. 4.                      MORAL SCIENCE.—Porter. 4.                      CONSTITUTIONAL LAW.—Cooley. 2.                      EDUCATION.—2.                      ENGLISH LITERATURE.—2.                      PHYSICS or CHEMISTRY.—2.                      BIOLOGY.—2.</p>	<p>POLITICAL ECONOMY.—4.                      HUMAN BODY.—4.                      PSYCHOLOGY.—4.                      HISTORY.—Civilization. 4.                      EDUCATION.—2.                      ENGLISH LITERATURE.—2.                      PHYSICS or CHEMISTRY.—2.                      BIOLOGY.—2.</p>

## Preparatory Department.

---

The Preparatory Department, although separated in some respects from the College Department, is yet kept in vital connection with it; and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

---

### STUDENTS.

---

#### First Preparatory.

ACHILLES, RICHARD B.,	<i>Eyota</i>
ANDERSON, J. WESLEY,	<i>St. Thomas, Ontario</i>
ANDERSON, PALMER,	<i>Melrose</i>
BACON, HERBERT,	<i>Hamline</i>
BARKULOO, WILLIAM C.,	<i>Clearwater</i>
BEVANS, JULIA A.,	<i>Hamline</i>
BILLINGTON, DAYTON,	<i>Morgan</i>
BROWN, D. LEONIDAS,	<i>Hamline</i>
COLCORD, THOMAS,	<i>Pine Bend</i>
COTTIER, ANNIE E.,	<i>Hamline</i>
CRAIG, WILL M.,	<i>Hubbard, Iowa</i>
DAVIES, H. A.,	<i>Minneapolis</i>
FRYCKBERG, SAMUEL,	<i>Hamline</i>
GIBSON, LILLIAN M.,	<i>St. Anthony Park</i>
GLASIER, MABEL C.,	<i>St. Paul</i>
GRAY, ROBERT E.,	<i>St. Paul</i>
HARKNESS, WILL,	<i>Randolph</i>
HEIMARK, MARY C.,	<i>Clarkfield</i>

HEINZE, IDA,	<i>Kellogg</i>
HILL, JOHNNIE,	<i>St. Paul</i>
HUGHES, CLARK R.,	<i>St. Paul</i>
INNIS, ETHELWYN,	<i>Hamline</i>
JOHNSTON, JENNIE E.,	<i>Byron</i>
KAHL, JOS. A.,	<i>Radcliffe, Iowa</i>
KAHL, MINNIE M.,	<i>Radcliffe, Iowa</i>
KINSMAN, FRANK H.,	<i>Hamline</i>
KOEHN, CHAS. C. T.,	<i>Red Wing</i>
LARSEN, IDA H.,	<i>Clark's Grove</i>
LINDHOLM, CHAS. A.,	<i>Custer</i>
LINDMARK, JOHN W.,	<i>Rush City</i>
MACCORMACK, CHAS.,	<i>Rush City</i>
MASSEE, CHAS. W.,	<i>Louisville, Wisconsin</i>
MAYO, EMMA,	<i>Minneapolis</i>
MCKAIG, CARL B.,	<i>Hamline</i>
MORRILL, GEO. A.,	<i>Byron</i>
MURPHY, ARTHUR H.,	<i>Neche, North Dakota</i>
NORDHOLM, JOHN,	<i>Long Lake</i>
PEMBERTON, JOS. G.,	<i>Hamline</i>
PRATT, ELLIS V.,	<i>Anoka</i>
RASEY, LESTER E.,	<i>St. James</i>
REESE, GEO.,	<i>St. Paul</i>
SCHULTZ, LYDIA I.,	<i>Gretna, Manitoba</i>
SHUMAN, GAYLORD T.,	<i>Wichita, Kansas</i>
SKILLMAN, MERIT,	<i>Valley Springs, South Dakota</i>
SLOULIN, OLAF M.,	<i>Logan</i>
SPENCER, ALLAN T.,	<i>Sunny Side, Montana</i>
SPENCER, ANNA L.,	<i>Sunny Side, Montana</i>
SPOONER, CARRIE A.,	<i>Mondamin, Iowa</i>
SPOONER, GRACE M.,	<i>Mondamin, Iowa</i>
SQUIRE, F. HOWARD,	<i>Hanley Falls</i>
STRAUB, W. B.,	<i>Marion, Ohio</i>
STRUBLE, GEO. L.,	<i>Dell Rapids</i>
SWINNERTON, THOMAS N.,	<i>Hamline</i>
SYMONS, HORATIO,	<i>South Park</i>
WALLACE, GEO. W.,	<i>Eveleth</i>
WELLS, FLORENCE,	<i>Hamline</i>
WOLEVER, MAUDE C.,	<i>Hamline</i>

**Second Preparatory.**

ALLIN, FRED W.,	<i>Hamline</i>
BALL, WILLIAM H.,	<i>Morgan</i>
BENSON, LOIS,	<i>Heron Lake</i>
BUCHANAN, WM. J.,	<i>St. Thomas, North Dakota</i>
DELINE, LESTER E.,	<i>Armstrong, Iowa</i>
FRYCKBERG, JOHN W.,	<i>Hamline</i>
GILLETTE, ALMA,	<i>Hamline</i>
HANSEN, OLIVER C.,	<i>Hamline</i>
HEAL, PEARL,	<i>Hamline</i>
HILLIS, BERT E.,	<i>Tyner, North Dakota</i>
HOBBIT, ALVIN B.,	<i>Monticello</i>
JOHNSTON, WILL W.,	<i>Byron</i>
MARTIN, J. ROYAL,	<i>Hamline</i>
MITCHELL, HOWARD W.,	<i>Washburne</i>
MITCHELL, RALPH S.,	<i>Washburne</i>
NOBLE, BERT V.,	<i>Alden</i>
PROSSER, ANDREW R.,	<i>Clearwater, Wisconsin</i>
PROSSER, MRS. ANDREW R.,	<i>Clearwater, Wisconsin</i>
SMITH, C. MONROE A.,	<i>Hamline</i>
TOSTESON, OLIVE,	<i>Hopkins</i>
WATERHOUSE, CHAS.,	<i>Hamline</i>

**Third Preparatory.**

BENHAM, RICH,	<i>Hamline</i>
CROFT, JOHN W.,	<i>Tracy</i>
HACKNEY, JOS. M.,	<i>St. James</i>
JOHNSON, EVA C.,	<i>Claybank</i>
JOHNSON, ROBT. C.,	<i>Logan</i>
LINGMAN, DAVID,	<i>St. Paul</i>
MASSEE, WILL. W.,	<i>Louisville, Wisconsin</i>
MYERS, MILDRED G.,	<i>Miles City, Montana</i>
PARRY, EUGENE B.,	<i>Little Rock</i>
PEMBERTON, JOHN L.,	<i>Hamline</i>
PETTIT, CHAS. W.,	<i>Preston</i>
PORCHER, MARIA R.,	<i>Minneapolis</i>
PRATT, HARRIET J.,	<i>Virginia City</i>
SHAW, GEO.,	<i>St. Thomas, Ontario.</i>
WARD, R. FRANCIS,	<i>Minneapolis</i>
WHITE, MORRIS W.,	<i>St. Paul</i>
WILLIAMS, ELSIE A.,	<i>Antioch, Illinois</i>

**Preparatory Specials.**

COX, EDGAR C.,	<i>Plank Road, Michigan</i>
FEATHERSTONE, BRITON G.,	<i>Red Wing</i>
FEATHERSTONE, CHAS. W.,	<i>Red Wing</i>
FREEGUARD, JOHN E.,	<i>St. Paul</i>
GLASOW, HENRY W.,	<i>Pine City</i>
INWOOD, ARTHUR I.,	<i>McCutchanville, Indiana</i>
MCCREA, C. HARPER,	<i>Minneapolis</i>
McKAIG, GERTRUDE,	<i>Hamline</i>
OLSON, MARY E.,	<i>Afton</i>
QUICK, KATIE N.,	<i>Ely</i>
RYDER, CHAS. W.,	<i>Hamline</i>
SAYLES, CLARENCE V.,	<i>Rochester</i>
SPEAR, MINA L.,	<i>Hamline</i>
STEVENS, HERBERT H.,	<i>Red Wing</i>
TREDWAY, WIX S.,	<i>Glencoe</i>
VALENTINE, BLANCHE M.,	<i>Breckenridge</i>



## Courses of Instruction.

### Preparatory Department.

#### FIRST YEAR.

##### FIRST TERM,

ALGEBRA.

LATIN GRAMMAR AND LESSONS.—Allen and Greenough.  
HIGHER ENGLISH.

##### SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.  
HIGHER ENGLISH.

##### THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.  
HIGHER ENGLISH.

#### SECOND YEAR.

##### FIRST TERM.

GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.—Goodwin, Moss.

*Latin Scientific*.—GENERAL HISTORY.—4.

##### SECOND TERM.

GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.—4.

##### THIRD TERM.

GEOMETRY.

LATIN.—Cicero.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.—4.

Latin Prose Composition throughout the year.

## THIRD YEAR.

## FIRST TERM.

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero, Latin Prose Composition.

*Classical*.—GREEK, Anabasis.

*Latin Scientific*.—ELEMENTARY PHYSICS.

## SECOND TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil. Latin Prose Composition.

*Classical*.—GREEK. Anabasis.

*Latin Scientific*.—ELEMENTARY PHYSICS.

## THIRD TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—VIRGIL.

*Classical*.—GREEK, Iliad.

*Latin Scientific*.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

## **Department of Elocution.**

---

The Department of Elocution offers two complete courses of study, and grants a certificate for the completion of either.

### **A. THE ADVANCED COURSE.**

It is intended that the student shall carry this course contemporaneously with his course in the Department of Liberal Arts. The subjects required in addition to those in the college curriculum are as follows:

English Phonation; one term.

Voice Building; two terms.

Pantomime; one term.

Physical Culture; three terms.

Philosophy of Expression; three terms.

Interpretation; seven terms; each one period per week.

### **B. THE ELEMENTARY COURSE.**

In addition to the work in English in the college curriculum this course requires the same studies as in the Advanced Course, but in a more elementary form and two periods per week.

Two years are required to complete this course.

### **C. SPECIAL COURSES.**

Special courses will be offered the Theological Department in Bible, Hymn and Liturgy reading, in Oratory and in general interpretation.

**List of Elocution Students.**

GEORGE P. BABCOCK,	<i>Hamline</i>
GUY CALDWELL,	<i>Farmington</i>
ALFRED G. CHADBOURNE,	<i>Redwood Falls</i>
OWEN J. CLARK,	<i>Clinton</i>
REBECCA F. COLVER,	<i>Morris</i>
JESSIE H. EVANS,	<i>Hamline</i>
RUTH I. FAUS,	<i>Montevideo</i>
ELLA FUNK,	<i>Hamline</i>
W. MORTIMER GRANT,	<i>Hamline</i>
MAY R. HALL,	<i>Wood Lake</i>
JENNIE A. MAXWELL,	<i>Appleton</i>
JAMES MERRITT,	<i>Duluth</i>
LEWIS H. MERRITT,	<i>Duluth</i>
LUCIEN MERRITT,	<i>Duluth</i>
ROBERT A. MORRILL,	<i>Byron</i>
EDITH M. E. PRIBBLE,	<i>Anoka</i>
EDWARD A. RICH,	<i>Hamline</i>
A. LAVERNE RICHARDSON,	<i>West Duluth</i>
ABSIE P. RITCHIE,	<i>Withy, Mo.</i>
NELLIE STURTEVANT,	<i>Hamline</i>
PRUDENCE TASKER,	<i>Hamline</i>
LUELLE S. TAYLOR,	<i>Pipestone</i>
WILLIAM THURBER,	<i>Worthington</i>
ERNEST H. WALLACE,	<i>Drayton, North Dakota</i>
MABEL WALLACE,	<i>Hamline</i>
THOMAS H. WILKINSON,	<i>St. Peter</i>

## Department of Music.

---

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course in music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

**List of Music Students.**

PEARL BENHAM,	<i>Hamline</i>
ROY H. BENHAM,	<i>Hamline</i>
ELSIE BENSON,	<i>Heron Lake</i>
LOIS BENSON,	<i>Heron Lake</i>
ALTA K. CLARK,	<i>Hamline</i>
NINA V. CRIST,	<i>Hamline</i>
ELLA L. DOOR,	<i>Hamline</i>
ELEÁNOR EATON,	<i>Merriam Park</i>
FERNA FLINT,	<i>Hamline</i>
EDITH GOLD,	<i>Hamline</i>
JOSEPH HACKNEY,	<i>St. James</i>
ALVIN B. HOBLIT,	<i>Monticello</i>
JENNIE JOHNSTON,	<i>Byron</i>
C. HARPER MCCREA,	<i>St. Paul</i>
LOIS N. MARSH,	<i>Hamline</i>
JENNIE MAXWELL,	<i>Appleton</i>
JOHN W. OGREN,	<i>Minneapolis</i>
ANNA L. SPENCER,	<i>Sunny Side, Montana</i>
LUELLA S. TAYLOR,	<i>Pipestone</i>
ROBERT J. TAYLOR,	<i>Hamline</i>
CHESTER H. TETHER,	<i>Goodhue</i>
GEORGE W. WALLACE,	<i>Eveleth</i>
*LILLIAN J. WOLD,	<i>Rock Rapids, Iowa.</i>

---

\* Deceased.

## **General Information.**

---

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Great Northern Railway or by the Electric Railway.

### **LIBRARY.**

The Library, located in University Hall, is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 2:35 P. M. until 5:00 P. M. It is free to all students, and they are aided in consulting it by the Librarian and other members of the Faculty. The Library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the library of the Minnesota Historical Society, are in easy reach and freely accessible to all students.

### **DEPARTMENT OF PHYSICAL CULTURE.**

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Physical examinations are held in the Fall term. Classes are formed and exercises are prescribed based upon such an examination. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-around development rather than the training for special feats of skill or strength. Hand ball and basket ball tournaments are held during the Winter term, as well as frequent

gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in base ball, foot ball, track and field sports and skating. A rink for the latter purpose, 300 x 100 feet, is flooded on the campus. The Athletic Association maintains a foot ball, a base ball and a track and field team, and annually contests for honors with the other colleges of the state.

### LADIES' HALL.

The rooms in Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher; all other articles students will provide for themselves. Occupants of rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

### BOARDING HALL AND BOARD IN PRIVATE FAMILIES.

The Dining Hall is in the basement of Ladies' Hall. Young ladies from a distance will be required to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President, obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces), . . . .	\$2.75
Gentlemen, per week, . . . . .	2.75
Washing and ironing, per dozen, . . . . .	.50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.

The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.



## NECESSARY EXPENSES.

Tuition, per term, College Classes, . . . . .	\$10.00
Tuition, per term, Preparatory Classes . . . . .	8.00
Incidentals, per term, all classes, . . . . .	2.00
Chemical Laboratory fee, per term, . . . . .	2.00
Biological Laboratory fee, per term, . . . . .	1.50
Apparatus broken by the student will be charged to his account	
Elocution, per lesson, . . . . .	1.00
Instruction piano or vocal, payable by the term, per lesson of one-half hour, . . . . .	1.00
Vocal Music, per term, in classes, . . . . .	2.00
Use of piano, one hour daily, per term, . . . . .	2.50
Instruction in Art, payable by the term, per lesson, . . .	1.00
Text-books, per year, . . . . .	\$10.00 to 15.00

## ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals, . . . . .	\$30.00	\$36.00
Room rent, fuel and light, . . . . .	36.00	36.00
Board, thirty-six weeks, . . . . .	90.00	90.00
Washing and ironing, 12 pieces per week, . .	18.00	18.00
Books and stationery, about, . . . . .	12.00	12.00
Minimum, . . . . .	\$186.00	\$192.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and drawing, being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced.

Tuition, incidentals, music and art lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

### LITERARY SOCIETIES.

There are five Literary Societies in connection with the College of Liberal Arts. The Philomathean and Amphictyon are for college men; Browning and Athenæan for ladies; the Zarephathian for young men of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

### RELIGIOUS SERVICES.

Students are required to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.

# College of Medicine.

(Minneapolis College of Physicians and Surgeons.)

### Board of Trustees.

G. H. BRIDGMAN, D. D.

LEO M. CRAFTS, M. D.

J. T. MOORE, M. D.

W. J. BYRNES, M. D.

G. C. BARTON, M. D.

W. H. HALLOWELL, M. D.

---

### Officers of the College.

G. H. BRIDGMAN, D. D.,

*President*

J. T. MOORE, M. D.,

*Vice-President*

LEO M. CRAFTS, M. D.,

*Dean*

W. J. BYRNES, M. D.,

*Treasurer*

## Faculty.

---

GEORGE H. BRIDGMAN, D. D., PRESIDENT.

LEO M. CRAFTS, B. L., M. D., DEAN.,  
*Professor of Nervous Diseases.*

J. T. MOORE, M. D., C. M., M. C. P. S.,  
*Professor of Theory and Practice of Medicine.*

EDWIN PHILLIPS, M. D.,  
*Professor of Gynaecology.*

W. J. BYRNES, M. D.,  
*Professor of Surgical Anatomy and Clinical Gynaecology.*

COLUMBUS G. SLAGLE, M. D.,  
*Professor of Paediatrics.*

HERBERT E. CARY, B. A., M. D.,  
*Associate Professor of Gynaecology.*

J. W. MACDONALD, M. D., L. R. C. S. E.,  
*Professor of the Practice of Surgery and Clinical Surgery.*

WILLIAM H. HALLOWELL, M. D.,  
*Professor of Obstetrics.*

WILLIAM G. W. TUPPER, M. D.,  
*Professor of Therapeutics.*

JOHN W. RUTLEDGE, A. B., M. D.,  
*Professor of Operative Surgery.*

HUGH N. McDONALD, M. D.,  
*Professor of Diseases of the Chest.*

C. K. BARTLETT, M. D.,  
*Professor of Psychological Medicine.*

WILLIAM ASBURY HALL, M. D.,

*Professor of the Principles of Surgery and Clinical Surgery.*

GEORGE C. BARTON, M. D.,

*Professor of Physiology and Clinical Gynaecology.*

J. H. STUART, A. M., M. D.,

*Professor of Physical Diagnosis and Clinical Medicine.*

HORATIO B. SWEETSER, M. D.,

*Professor of Anatomy and Clinical Surgery.*

A. F. IRWIN, M. D., PH. D.,

*Professor of Pathology and Bacteriology.*

DAVID OWEN THOMAS, B. A., M. D., M. R. C. S.,

*Professor of Dermatology and Genito-Urinary Diseases.*

CHARLES J. SPRATT, M. D.,

*Professor of Ophthalmology and Otology.*

CHARLES W. WILLIAMS, M. D.,

*Professor of Materia Medica.*

J. D. SIMPSON, M. D.,

*Professor of Clinical Ophthalmology and Otology.*

KNUT HOEGH, M. D.,

*Professor of Clinical Surgery.*

CHARLES W. DREW, PH. B., M. D.,

*Professor of Chemistry and Toxicology.*

HENRY J. O'BRIEN, M. D.,

*Professor of Clinical Surgery.*

CHARLES E. SMITH, M. D.,

*Professor of Clinical Medicine.*

EDWARD BOECKMAN, M. D.,

*Professor of Clinical Ophthalmology.*

ANTON SHIMONEK, M. D.,

*Professor of Clinical Gynaecology.*

LECTURERS, CLINICAL PROFESSORS and INSTRUCTORS.

---

JAMES W. DUDLEY, A. M., M. D.,  
*Clinical Professor of Obstetrics.*

P. M. HOLL, M. D.,  
*Clinical Professor of Paediatrics and Demonstrator of Anatomy.*

C. M. FERRO, M. D.,  
*Lecturer on Rectal and Venereal Diseases.*

C. A. MCCOLLOM, M. D.,  
*Lecturer on Preventive and Legal Medicine and Medical Insurance.*

M. C. JOHNSTON, M. D.,  
*Assistant Professor of Histology and Practical Pathology.*

ARNOLD SCHWYZER, M. D.,  
*Clinical Professor of Pathology.*

GUSTAV E. RENZ, M. D.,  
*Clinical Professor of Genito-Urinary Diseases.*

JOHN B. BRIMHALL, M. D.,  
*Clinical Professor of Paediatrics.*

JOSEPH W. BETTINGEN, M. D.,  
*Clinical Professor of Diseases of the Throat, Nose and Ear.*

CHARLES F. DENNY, M. D.,  
*Instructor in Clinical Medicine.*

CHARLES J. MEADE, M. D.,  
*Instructor in Clinical Medicine.*

J. H. STEWART, M. D.,  
*Instructor in Clinical Ophthalmology.*

ALOYSIOUS S. FLEMING, M. D.,  
*Demonstrator of Anatomy.*

EDGAR M. DUNN, A. B.,  
*Instructor in General Chemistry.*

## **Calendar, 1897=98.**

---

Entrance Examinations, October 4, at 9:00 A. M.

Examinations for conditioned students, October 4, at 1 P. M.

Opening Lecture, October 4, at 8:00 P. M.

Christmas vacation begins, December 18, 1897.

Lectures resumed, January 3, 1898.

Washington's Birthday, February 22.

Examinations begin, May 23.

Commencement, June 9, 1898.



## Announcement.

---

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its fifteenth annual course of lectures on October 4, 1897, at 8:00 P. M., at which time the introductory address will be given by Prof. J. D. Simpson, in the college amphitheatre.

### HISTORY.

This college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, by Edwin Phillips, M. D., J. C. Moore, M. D., and others, for the purpose of elevating the standard of medical education throughout the northwest. For many years it had an uphill fight, and struggled against bitter opposition, but always maintained its high standard for graduation. In 1893 the tide turned. It received strong additions to its faculty, and immediately increased the number of its students more than four-fold, which placed it at once on a firm financial basis.

In 1895 it was made the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

During the past year an important advance has been made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

A member of the American Association of Medical Colleges, the certificates and degrees granted by this institution are recognized by all medical colleges in the United States.

### COLLEGE BUILDINGS.

The college is located on the corner of Seventh street and Sixth avenue south, in a large and commodious building, well lighted and heated. Its anatomical, chemical, physiological, histological, bac-

teriological and pathological laboratories have been thoroughly equipped, and are under the direction of able instructors who are capable of giving the very latest scientific demonstrations in their respective departments.

### HOSPITALS.

The clinical facilities of this college are the best that can be obtained in the twin cities, the building being located in the immediate vicinity of the three largest hospitals in Minneapolis. The various members of the faculty are on the visiting staffs of the Minneapolis City Hospital, St. Mary's Hospital, St. Barnabas Hospital, and the Northwestern Hospital, and also at St. Joseph's Hospital, Bethesda Hospital and the St. Paul City Hospital, all of which are available for purposes of clinical instruction to the students, giving most ample opportunity for observation and bedside study.

### REQUIREMENTS FOR ADMISSION TO MEDICAL COLLEGES IN MINNESOTA.

#### Entrance Examination for 1897.

The entrance examination of 1897 will be conducted by the faculty of the College of Science, Literature and the Arts. The subjects upon which candidates will be required to pass are as follows:

English Composition, a composition of not less than two hundred words, upon some subject to be announced at the time of examination.

Elementary Algebra.

Physics.

Latin,—grammar and easy prose.

In accordance with an agreement entered into by Hamline University and The University of Minnesota, the examination of candidates for admission to the medical departments of either of these universities, in 1898 and thereafter, will be conducted by one examining board. This board will consist of six members, three of them appointed by the President of Hamline University from the members of the faculty of the college of Science, Literature and the Arts of Hamline, and three of them appointed by the President of The University of Minnesota from the members of the faculty of the college of Science, Literature and the Arts.

The requirements for admission to the medical departments of Hamline University and The University of Minnesota will hereafter be the same.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carleton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

In 1898 the requirements for admission will be:

1. An English Composition, of not less than two hundred words, upon a subject to be announced at the time of examination.
2. Elementary Algebra.
3. Physics.
4. Latin,—grammar and easy prose.
5. United States History.
6. Physiology.

In 1899 the requirements for admission will include Plane Geometry and three books of Cæsar in addition to the requirements of 1898.

In 1900 the requirement will be the same as the requirements for admission to the freshman class of the college of Science, Literature and the Arts at the present time. A detailed statement of these requirements as unified by the Presidents of the two Universities will be published in the catalogues of next year.

### ADMISSION TO ADVANCED STANDING.

Graduates of recognized universities and colleges, where the prescribed course in chemistry, histology, etc., is equal to the work required in the first year of the graded course, may apply for admission to the second year class. The professors of Histology, Physiology and Chemistry will pass upon the evidence presented by the student and have the power to require an examination if the certificates are not satisfactory.

Students from other medical schools who apply for advanced standing must either pass examinations in all of the branches which they do not take in this college, or furnish to the Dean cer-

tificates of having done satisfactory work in some other reputable college, and passed all of the required examinations, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

### REGISTRATION.

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the first day of December in each year. Fees are payable to the Dean, and must be paid at the time of registration.

*Tickets of registration will be necessary for admission to all lectures after December 1st.*

## **Course of Instruction.**

---

The course of instruction in this college consists of a four year's graded series of lectures, recitations, clinics and practical laboratory work, and is arranged as follows:

### **FIRST YEAR.**

Histology, Biology and Embryology.  
Practical Histology.  
Chemistry.  
Practical Chemistry.  
Anatomy.  
Physiology.  
Materia Medica.

Final examinations in Histology and General Chemistry at the end of year.

### **SECOND YEAR.**

Medical Chemistry and Toxicology.  
Practical Medical Chemistry.  
Anatomy.  
Practical Anatomy.  
Physiology.  
Practical Physiology.  
Materia Medica.  
Pathology.

Final examinations in all studies at the end of year. No conditioned student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the Faculty.

**THIRD YEAR.**

Surgical Anatomy.  
Operative Surgery on the Cadaver.  
Therapeutics.  
Pathology and Bacteriology.  
Practical Pathology and Bacteriology.  
Obstetrics.  
Gynaecology.  
Theory and Practice of Medicine.  
Principles and Practice of Surgery.  
Physical Diagnosis.  
Pediatrics.  
Medical and Surgical Clinics.

Final examinations in Surgical Anatomy, Operative Surgery on the Cadaver, Therapeutics, Pathology and Bacteriology at the end of year.

**FOURTH YEAR.**

Theory and Practice of Medicine.  
Principles and Practice of Surgery.  
Physical Diagnosis and Clinical Medicine.  
Paediatrics.  
Obstetrics.  
Gynaecology.  
Dermatology.  
Preventive and Legal Medicine.  
Psychological Medicine.  
Neurology.  
Ophthalmology and Othology.  
Medical Insurance.  
Orthopedic Surgery.  
Laryngology.  
Genito-urinary Diseases.  
Clinical Medicine.  
Clinical Surgery.  
Clinical Obstetrics.  
Special Clinics.  
Rectal and Venereal Diseases.

Final examinations in all branches before graduation.

## Order of Instruction.

## FIRST YEAR.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Physiology.	Physiology.	Physiology.	Physiology.		
10-11		Materia Medica.	Materia Medica.	Materia Medica.		
11-12	Anatomy.	Anatomy.	Anatomy.	Anatomy.		
2-3	Laboratory Work in Histology.	Histology.	Laboratory Work in Histology.	Histology.	Laboratory Work in Histology.	
3-4		Laboratory Work in Chemistry.	Chemistry.	Laboratory Work in Chemistry.	Chemistry.	
4-5	Chemistry.					

## SECOND YEAR.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Physiology.	Physiology.	Physiology.	Physiology.	Laboratory Work in Physiology.	Laboratory Work in Medical Chemistry.
10-11		Materia Medica.	Materia Medica.	Materia Medica.		
11-12	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	
2-3		Medical Chemistry.		Medical Chemistry.		
3-4	Laboratory Work in Anatomy.	Laboratory Work in Anatomy.	Laboratory Work in Anatomy.	Laboratory Work in Pathology and Bacteriology.	Laboratory Work in Anatomy.	
4-5						
5-6	Pathology and Bacteriology.				Pathology and Bacteriology.	



THIRD YEAR.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Theory and Practice of Medicine.	Practice of Surgery.		Theory and Practice of Medicine.	Practice of Surgery.	Surgical Clinics.
10-11	Medical Clinic.	Principles of Surgery.		Physical Diagnosis.	Diseases of Children	
11-12	Diseases of Children Clinic.	Gynaecology.		Gynaecology.	Diseases of the Chest.	Medical Clinic.
1-2	Eye and Ear Diseases.	Gynaecology Clinic.		Nervous Diseases. Clinic.	Eye and Ear. Clinic.	Gynaecology, Clinic.
2-3	Laboratory work in Pathology and Bacteriology.	Preventive Medicine & Medical Insurance	Medical, Surgical and Special Clinics in St. Paul.	Laboratory work in Pathology and Bacteriology.	Nervous Diseases.	
3-4		Obstetrics.			Obstetrics.	
4-5	Dermatology & Genito Urinary Disease.			Surgical Anatomy.	Operative Surgery.	
5-6	Pathology and Bacteriology.	Therapeutics.		Therapeutics.	Pathology and Bacteriology.	

## FOURTH YEAR.

HOOR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Theory and Practice of Medicine.	Practice of Surgery.		Theory and Practice of Medicine.	Practice of Surgery.	
10-11	Medical Clinic.	Principles of Surgery.		Physical Diagnosis.	Diseases of Children	Surgical Clinic.
11-12	Diseases of Children Clinic.	Gynaecology.		Gynaecology.	Diseases of the Chest.	Medical Clinic.
1-2	Eye and Ear Diseases.	Gynaecology Clinic.	Medical, Surgical and Special Clinics in St. Paul.	Nervous Diseases. Clinic.	Eye and Ear. Clinic.	Gynaecology, Clinic.
2-3		Preventive Medicine & Medical Insurance			Nervous Diseases.	
3-4	Laboratory.	Obstetrics.		Laboratory.	Obstetrics.	
4-5	Dermatology & Genito Urinary Diseases	Psychological Medicine.			Operative Surgery.	
5-6	Bacteriology.	Therapeutics.		Therapeutics.	Bacteriology.	

## Outlines of Course.

---

### Anatomy.

*Profs. Sweetser and Byrnes.*

The course in anatomy will consist of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations. Students are required to dissect, under the direction of the demonstrator of anatomy, at least one entire lateral half of the cadaver before they can present themselves for graduation. This rule is absolute.

### Physiology.

*Prof. Barton.*

This branch is taught by means of didactic lectures, recitations and frequent demonstrations upon the lower animals, thus illustrating the subjects of digestion, absorption, secretion, the blood and its circulation, the nervous system, etc. The student can thus study the body and demonstrate all the phenomena of vital operations.

### Histology.

Lectures and laboratory work. Students are recommended to buy microscopes, but to those whose means will not afford it, instruments are furnished by the school. *Vertebrate* embriology is included in this course.

### Chemistry.

*Prof. Drew.*

The course in this department includes lectures on the principles of chemistry and its nomenclature, a thorough study of organic and inorganic compounds, and medical chemistry and toxicology. It also includes lectures on elementary physics, and

special attention is given to practical chemistry in the laboratory. These laboratories will be entirely refitted and refurnished for the next session.

## **Materia Medica.**

*Prof. Williams.*

Materia medica is taught by lectures, recitation and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs.

## **Therapeutics.**

*Prof. Tupper.*

The course in this department consists of didactic lectures, recitations and demonstrations. The quiz method is particularly essential in this study. The course is thoroughly practical.

---

## **GENERAL MEDICINE.**

---

### **Theory and Practice.**

*Prof. Moore.*

This course consists of didactic lectures on the general laws of disease, as well as a full and exhaustive study of the general field of diseases themselves, and the minute consideration of each. Pathology will be combined with all the teaching.

### **Physical Diagnosis and Clinical Medicine.**

*Profs. Stuart and Smith.*

The instruction in this chair is largely practical and includes a careful study of the various methods of scientific examination of the patient, and the use of all appliances to that end. Clinical bedside study in the wards of the hospitals of the two cities forms a very large part of this course.

## **Diseases of the Chest.**

*Prof. McDonald.*

In this course attention is largely confined to the thoracic organs, and the methods of examining and treating diseases of the heart and lungs.

## **Dermatology and Genito-urinary Diseases.**

*Prof. Thomas. Clinical Prof. Renz.*

This branch is devoted to didactic and clinical study of diseases of the skin, and is profusely illustrated with colored plates, and also includes the diseases of the genito-urinary apparatus.

## **Neurology.**

*Prof. Crafts.*

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, as well as on the diseased conditions and clinical study and demonstrations, with special attention to treatment, including electro-therapeutics.

## **Psychological Medicine.**

*Prof. Bartlett.*

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

## **Surgery.**

*Profs. MacDonald, Hall, Hoegh, O'Brien and Rutledge.*

This branch is covered most thoroughly, including didactic lectures on the principles and practice of surgery, and surgical pathology; a distinct course in operative surgery, embracing practical work on the cadaver, and the application of surgical appliances. The clinical opportunities are abundant and of greatest value.

## **Ophthalmology and Otology.**

*Profs. Spratt, Simpson and Boeckman.*

In this department instruction combines didactic teaching, with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals, both on the diseases and surgery of these organs.

## Diseases of the Nose and Throat.

*Clinical Prof. Bettingen.*

Instruction in this subject consists of lectures and demonstrations in the clinic, and practical training in the use of instruments, the class being divided into suitable sections as in other departments.

## Obstetrics.

*Profs. Hallowell and Dudley.*

This chair combines didactic teaching, with searching oral and written quizzes; demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

## Gynaecology.

*Profs. Phillips, Shimonek and Cary, and Clinical Profs. Byrnes and Barton.*

The teaching in this subject combines lectures, recitations and demonstrations, and clinical observation in sections at the dispensary of the college and at the hospitals.

## Paediatrics.

*Prof. Slagle and Clinical Profs. Brimhall and Holl.*

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

## Pathology and Bacteriology.

*Prof. Erwin and Clinical Prof. Schwyzer.*

These subjects are taught by lectures, recitations and practical laboratory work, including demonstrations in the autopsy room, and the exhibition of morbid specimens. The laboratories will be greatly improved for the next session.

**TEXT-BOOKS.**

The following text-books and books of reference are recommended by the various departments:

ANATOMY—Morris, Gray and Quain.

HISTOLOGY—Klein, Minot.

PATHOLOGY—Delafield and Prudden, Ziegler.

CHEMISTRY—Fownes, Simons.

PHYSIOLOGY—Foster, American Text-Book of Physiology.

MATERIA MEDICA—White, Butler.

THERAPEUTICS—Hare.

THEORY AND PRACTICE OF MEDICINE—Wood and Fitz, Tyson.

PRINCIPLES AND PRACTICE OF SURGERY—Park, American Text-Book of Surgery; Macdonald's Surgical Diagnosis and Treatment.

OBSTETRICS—Playfair, Parvin.

GYNAECOLOGY—Thomas and Munde, Byford, Allbutt, Playfair.

PAEDIATRICS—Smith, J. L., Holt, Starr, Rotch.

PHYSICAL DIAGNOSIS—Tyson, Loomis.

CLINICAL MEDICINE—Simons' Clinical Diagnosis, Musser, Da Costa.

NERVOUS DISEASES—Strumpell, Gray, Hirt.

DERMATOLOGY—Crocker, Kaposi, Morrow.

PREVENTIVE MEDICINE—To be announced.

MEDICAL JURISPRUDENCE—To be announced.

BACTERIOLOGY—Fraenkel.

GENITO-URINARY DISEASES—Keyes, Harrison, Morrow.

OPHTHALMOLOGY—Fricke, Noyes.

OTOLOGY—Field, Politzer.

**EXAMINATIONS.**

The final examination in every subject is held at the close of the school year. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly held at the end of each term. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued, showing the results of the examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 80 per cent of the lectures.

The reports of examinations will be mailed to the students at the college or at such other addresses as they may direct, at the earliest possible moment after the examinations are completed, and they are requested not to call on the examiners or the Dean for reports.

### REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D., C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least six months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

### GRADUATION OATH.

Ego, A—— B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo; me in omnibus grati animi officiis erga hanc Collegiam, ad extremum vitae halitum, perseveraturum; tum purro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad aegrotorum corporum salutem conducentia, cum fide procuraturum; quae denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

### FEEES AND EXPENSES.

Students of this college will be uniformly charged as follows:

Matriculation fee, payable first year of attendance only . . \$5.00  
 General ticket, payable each year of attendance, (including all charges for lectures, clinics, laboratories, dissection, materials used, examinations, diplomas, etc.) . . . 65.00



Students who have attended three full courses of instruction in this college will be required to pay for their fourth course . . . . . 35.00

Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of . . . . . 50.00

Use of school microscopes, per term, . . . . . 3.00

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

*Fees are paid invariably in advance.*

*The college reserves the right to change the fees at any time through publication in its annual announcement.*

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

### BOARD AND LODGING.

The expenses of living in Minneapolis is less than in other large cities. During the past year most students have been able to reduce their board and room-rent to less than \$20.00 a month, and this sum may be looked upon as adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

LEO M. CRAFTS, M. D., DEAN,  
606 Masonic Temple,  
Minneapolis, Minn.

## Students—1896-97.

---

ALLARD, EDWIN,	<i>Minnesota</i>
BAIER, FLORENCE C.,	<i>Minnesota</i>
BAST, SAMUEL F.,	<i>Minnesota</i>
BERGQUIST, CARL E.,	<i>Minnesota</i>
BEVAN, CHARLES J.,	<i>Minnesota</i>
BIORN, NELS A.,	<i>Minnesota</i>
BJORNEBY, PETER C.,	<i>North Dakota</i>
CLOMBURG, AXEL F.,	<i>Minnesota</i>
BLAKESLEE, FRANK,	<i>Minnesota</i>
BONG, JOHN H.,	<i>Minnesota</i>
BRITTON, RALPH H.,	<i>Wisconsin</i>
BROWN, EDWARD I.,	<i>Minnesota</i>
BURLINGAME, ROBERT M.,	<i>Minnesota</i>
CARTER, JOSEPH A.,	<i>Minnesota</i>
CHANCE, JENNER P.,	<i>Minnesota</i>
CRESSWELL, WILLIS W.,	<i>Minnesota</i>
CROSBY, LEONARD G.,	<i>Minnesota</i>
DEALEY, JULIA,	<i>Minnesota</i>
DINAHAN, RICHARD M.,	<i>Minnesota</i>
DONOHUE, DANIEL J.,	<i>Minnesota</i>
DOWNES, RAYMOND L.,	<i>Minnesota</i>
DUBOSE, W. E.,	<i>Minnesota</i>
DRYNESS, JOHN O.,	<i>Minnesota</i>
EMERSON, GEORGE A.,	<i>Minnesota</i>
ERICKSON, MARY,	<i>Minnesota</i>
FARR, JOHN M.,	<i>Wisconsin</i>
FEINSTEIN, ROSA,	<i>South Dakota</i>
FLEMING, ALOYSIOUS S.,	<i>Wisconsin</i>
FOGERTY, CHARLES W.,	<i>Minnesota</i>
FONGER, JAMES H.,	<i>South Dakota</i>
FOWLER, FRED H.,	<i>Minnesota</i>
FOX, JOHN M.,	<i>Minnesota</i>
FUGLESKIEL, MARIETTA,	<i>Minnesota</i>
GLIM, NELS N.,	<i>Illinois</i>

GOLDBURG, MARTIN L.,	<i>Minnesota</i>
GORDON, DAVID,	<i>Minnesota</i>
HARSHBARGER, MILTON,	<i>Iowa</i>
HEIMARK, OLAI E.,	<i>Minnesota</i>
HOLMES, ANDREW G.,	<i>Minnesota</i>
HOUSTON, HUGH E.,	<i>Minnesota</i>
HOVORKA, WENCESLAUS,	<i>Minnesota</i>
HYDE, WILFRED L.,	<i>Minnesota</i>
HYNES, JAMES,	<i>Minnesota</i>
JACKSON, CAROLYNE E.,	<i>Minnesota</i>
JAMES, ROBERT J.,	<i>Minnesota</i>
JERMAN WILLIAM L.,	<i>Minnesota</i>
JOHNSON, CHARLES A. B.,	<i>Minnesota</i>
JOHNSON, LEWIS O.,	<i>Minnesota</i>
JOHNSTON, DANIEL,	<i>North Dakota</i>
JONES, JAMES D.,	<i>Minnesota</i>
KIRKHOFF, EDWARD H.,	<i>Minnesota</i>
KJERLAND, THORSTEN N.,	<i>Iowa</i>
KNOTZ, JOHN,	<i>Minnesota</i>
KOHLER, FRED G.,	<i>Minnesota</i>
KOPPLEBERGER, HARRY W.,	<i>Wisconsin</i>
KRAFT, ALBERT,	<i>Minnesota</i>
KRIEDT, DANIEL G.,	<i>Minnesota</i>
KRIESEL, WILLIAM A.,	<i>Minnesota</i>
LEONARD, MARY,	<i>Wisconsin</i>
LIND, CARL J.,	<i>Minnesota</i>
LOBERG, ADOLPH,	<i>Minnesota</i>
LYON, ADAM,	<i>Minnesota</i>
MCKEON, OWEN,	<i>Minnesota</i>
MASON, CHARLES H.,	<i>Wisconsin</i>
MATSON, AUGUSTA,	<i>Minnesota</i>
MILLER, FRED C.,	<i>Minnesota</i>
MINTNER, JOHN M.,	<i>Minnesota</i>
MOODY, LEWIS,	<i>Minnesota</i>
MURPHY, WILLIAM J.,	<i>Minnesota</i>
NORTON, FRANCIS P.,	<i>Minnesota</i>
OBERG, CARL M.,	<i>Minnesota</i>
OBERG, EMILE,	<i>Minnesota</i>
OBERG, OSCAR,	<i>Minnesota</i>
O'BRIEN, JOSEPH A.,	<i>Minnesota</i>
OLSON, JACOB S.,	<i>Minnesota</i>
OLSON, OLAF G.,	<i>Minnesota</i>
PALMER, RALPH G.,	<i>Minnesota</i>

POLLOCK, ARTHUR R.,	<i>North Dakota</i>
RAINVILLE, SAMUEL,	<i>North Dakota</i>
REEVE, EDWARD A. T.,	<i>North Dakota</i>
REINHARDT, WILLIS F.,	<i>Minnesota</i>
ROBERTS, EMMA J.,	<i>Minnesota</i>
ROBERTS, FLOYD J.,	<i>North Dakota</i>
ROGERS, GEORGE M. F.,	<i>North Dakota</i>
SASSE, ERNEST G.,	<i>South Dakota</i>
SCANLAN, DAVID L.,	<i>North Dakota</i>
SCHLEGEL, HENRY E.,	<i>Minnesota</i>
SCHOFIELD, FRANK L.,	<i>Minnesota</i>
SHERIN, WESLEY M.,	<i>Iowa</i>
SKOGAN, T. T.,	<i>Minnesota</i>
STRANG, CHARLES B.,	<i>Minnesota</i>
VANKIRK, FRANK J.,	<i>Minnesota</i>
VELINE, OLAF J.,	<i>Minnesota</i>
WALRATH, AMASA P.,	<i>Minnesota</i>
WARHAM, T. T.,	<i>Minnesota</i>
WARNE, EDWIN G.,	<i>Minnesota</i>
WATSON, CHARLES W.,	<i>Manitoba</i>
WENDT, SAMUEL M.,	<i>Minnesota</i>
WHETSTONE, RAY S.,	<i>South Dakota</i>
WILCOX, T. E.,	<i>Wisconsin</i>
WILLIAMSON, LUTIE L. S.,	<i>North Dakota</i>
WILLIS, ELLEN A. G.,	<i>Minnesota</i>
WITHROW, MORRILL E.,	<i>Minnesota</i>

## Alumni.

---

ATHERTON, C. O., . . . . .	1891
BAKKE, OLE, . . . . .	1896
BLISS, GEORGE WILLIS, . . . . .	1895
BURNS, MISS C. A., . . . . .	1886
CHURCH, RICHARD JEREMIAH, . . . . .	1895
CLAU, ED. M., . . . . .	1893
CONYNGHAME, E. F., . . . . .	1886
DAILY, MILTON, . . . . .	1895
DAVID, OSCAR F., . . . . .	1893
DOBSON, WILLIAM C., . . . . .	1896
DUMAS, CALIXTE H. D., . . . . .	1896
DOUGLAS, ELMER E., . . . . .	1894
EGAN, MICHAEL, . . . . .	1891
ESSEN, CARL ANDREW CHRISTIAN, . . . . .	1895
FARNESS, O. W., . . . . .	1888
FLATTEN, AMOS, . . . . .	1890
GENDRON, JULES, . . . . .	1896
GYLLENBURG, JENNIE (Obst.), . . . . .	1890
HEFLIN, H. NELSON, . . . . .	1895
HALVERSON, K. K., . . . . .	1889
HELGERSON, SIGRID, . . . . .	1894
HETLAND, C. L., . . . . .	1893
HUBBARD, EDWARD E., . . . . .	1894
JAMESON, ADELINE PARKER, . . . . .	1895
KILBRIDE, THOMAS F., . . . . .	1894
LEWIS, ARTHUR JOHN, . . . . .	1895
LOCKWOOD, LEBARON S. O., . . . . .	1894
LOWTHIAN, GEORGE H., . . . . .	1894
MALCHOW, CHARLES W., . . . . .	1894
MCCAHN, HANNAH, . . . . .	1890
MCKEON, PHILIP, . . . . .	1895
MCKEON, JAMES, . . . . .	1890
MILLER, ROCK P., . . . . .	1896
MILLER, HUGO, . . . . .	1893

MONAHAN, T. H., . . . . .	1886
MURRAY, WILLIAM B., . . . . .	1890
O'BRIEN, HENRY JEFFERSON, . . . . .	1895
OLESON, JENNIE (Obst.), . . . . .	1890
OWRE, ALFRED, . . . . .	1895
PRYCE, ROLAND, . . . . .	1885
RALEIGH, ROSWELL B., . . . . .	1894
REMICK, LOUIS BARRY, . . . . .	1895
RIDGWAY, ALEXANDER, . . . . .	1894
RIDGWAY, JOSEPH, . . . . .	1894
RHEINHARDT, WALLACE A., . . . . .	1896
ROSENTHAL, SIGMOND, . . . . .	1896
RYAN, MISS JENNIE, . . . . .	1893
SCANLON, WILLIAM, . . . . .	1896
SCOTT, EARNEST HAROLD, . . . . .	1888
SIMPSON, J. KIDD, . . . . .	1884
SOUR, STEPHEN D., . . . . .	1896
SHULEAN, MISS NELLIE, . . . . .	1893
TANNER, FRANCIS GRANT, . . . . .	1895
TAYLOR, HENRY HULBURT, . . . . .	1895
TESSIER, W. O., . . . . .	1887
TREAT, VEEDER G., . . . . .	1894
TUKE, HENRY C., . . . . .	1896
VANDAMME, WILLIAM, . . . . .	1885
WHITING, ARTHUR FLEMING, . . . . .	1895
WHIG, IVER C. J., . . . . .	1896
WILLIAMS, THEODORE F., . . . . .	1890
YOUNG, EUGENE W., . . . . .	1896

**Alumni Association,**  
OF THE  
**MEDICAL DEPARTMENT.**  
(Minneapolis College of Physicians and Surgeons.)

---

ORGANIZED APRIL 11, 1894.

---

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

**OFFICERS FOR 1896-7.**

*President*—CHARLES W. MALCHOW, M. D., of Shakopee, Minn.

*Vice-Presidents*—GEORGE W. BLISS, M. D., of Valley Springs, S. D.

NELLIE S. SHULEAN, M. D., of Cambridge, Minn.

O. H. BAKKE, M. D., of Minneapolis, Minn.

*Secretary*—H. JEFFERSON O'BRIEN, M. D., of Superior, Wis.

*Treasurer*—CARL ESSEN, M. D., of Minneapolis, Minn.

*Historian*—H. NELSON HEFLIN, M. D., of Kewanee, Ill.

*Executive Board*—ALFRED OWRE, M. D., D. M. D., of Minneapolis, Minn.

JOSEPH RIDGWAY, M. D., of Minneapolis, Minn.

ROCK PHELPS MILLER, M. D., of Minneapolis, Minn.

J. R. AMY, M. D., of Minneapolis, Minn.

E. C. BOXELL, M. D., of St. Paul Park, Minn.

CHARLES W. MALCHOW, M. D., *ex-officio*.

H. JEFFERSON O'BRIEN, M. D., *ex-officio*.

The next annual meeting will be held on June 10, 1897. So far as their addresses can be obtained, all alumni are notified of the meetings through the mail. Those who do not receive such notices regularly are requested to furnish the secretary with their addresses, and keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar.

CHARLES W. MALCHOW, M. D.,  
President.

H. JEFFERSON O'BRIEN, M. D.,  
Secretary,  
Superior, Wis.





# Divinity School.



## **Calendar, 1897-98.**

---

- 1897—September 14, First Term begins.  
September 23, Matriculation Day.  
November 24, Thanksgiving Recess.  
December 17, First Term ends.
- 1898—January 4, Second Term begins.  
January 27, Day of Prayer for Colleges.  
March 18, Second Term ends.  
March 28, Third Term begins.  
June 5, Baccalaureate Sermon.  
June 9, Anniversary Exercises.  
June 9, Third Term ends.

## Faculty and Instructors.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,  
*Professor of Christian Evidences.*

REV. WILLIAM MCKINLEY, D. D., Dean,  
*Professor of Historical Theology and Lecturer on Ethics.*

---

*Professor of Hebrew and Exegetical Theology.*

REV. FRANK B. COWGILL, A. M.,  
*Professor of Systematic Theology.*

REV. J. F. STOUT, A. M.,  
*Professor of Practical Theology.*

REV. J. B. HINGELEY, M. A.,  
*Associate Professor of New Testament Exegesis.*

REV. R. N. AVISON, A. M.,  
*Associate Professor of Systematic Theology.*

REV. SAMUEL F. KERFOOT, B. D.,  
*Associate Professor of Practical Theology.*

REV. GEORGE S. INNIS, PH. D.,  
*Professor of History.*

MILTON J. GRIFFIN, A. M.,  
*Professor of Greek.*

EDWARD E. McDERMOTT, M. S.,  
*Professor of Elocution.*

GEORGE S. INNIS, B. D.,  
*Librarian.*

A. Z. DREW, A. M.,  
*Registrar.*

## Lecturers for 1897==8.

---

BISHOP C. H. FOWLER, D. D., LL. D.,  
*Lecturer on Missions.*

REV. J. F. CHAFFEE, D. D.,  
*Lecturer on Comparative Religions.*

REV. M. V. B. KNOX, D. D.,  
*Lecturer on Anthropology.*

REV. E. P. ROBERTSON, A. M.,  
*Lecturer on Sociology.*

REV. MATT. S. HUGHES, A. M.,  
*Lecturer on Practical Theology.*

---

*Lecturer on Theism and Philosophy.*

## **Courses of Study.**

---

The course of instruction occupies three years.

Work in all departments is continued throughout this period, but special emphasis is placed on Exegetical work during the Junior year; on Historical and Systematic Theology during the Middle year, and on practical Theology during the Senior year.

### **DEGREE COURSE.**

This Course is especially arranged for students who have completed the Classical Course in an approved college, or for graduates holding other literary degrees than B. A. who have passed the required examination in Greek.

On the satisfactory completion of this course of study students will be entitled to the Degree of B. D.

### **DIPLOMA COURSE.**

This Course is designed for persons lacking the requisite qualifications for the Degree Course. Applicants for admission to this course are required to present certificates of standing attesting their educational acquirements or to pass a satisfactory examination.

Such as have not adequate knowledge of the Greek language will be furnished instruction in Elementary Greek during the first year.

Hebrew is offered as an elective study in the Diploma Course, or, as an equivalent, the student may take a thorough course in the study of the English Bible. Those who have satisfactorily completed this course of study shall be entitled to the Diploma of the Divinity School.

### **SPECIAL COURSE.**

Students whose circumstances do not permit them to pursue a regular course will be allowed to take a special course in such classes as the Faculty may approve, and shall be entitled to a certificate for the work done.

## ENGLISH BIBLE.

The study of the English Bible is coming to be recognized as a necessity in Theological schools. Valuable and necessary as are the Hebrew and Greek, they are not enough. The preacher ought to be master of the English Bible as well, be thoroughly familiar with its contents and acquainted with the sources of information for each book. Hence we have arranged a special course on the English Bible, covering three years and including the study of the entire book.

Students whose work is satisfactory to the Faculty may avail themselves of special privileges of study offered in other departments of the University. The courses in Psychology, History, Logic, Biology, Music, Oratory and the Modern Languages will prove very attractive and useful. Any one preparing for missionary service may attend medical lectures free of expense.

## **General Outline of the Course of Study.**

---

### **Junior Year.**

#### **EXEGETICAL THEOLOGY.**

Elements of Hebrew Grammar in connection with the critical study of the text of Genesis. Translation and exegesis of selections from Samuel, Ruth and Judges.

The study of the Gospel of John, with reference to grammatical and lexical details. Selected readings from the Synoptic Gospels.

#### **HISTORICAL THEOLOGY.**

Sacred History. The planting and training of the Christian Church. The Graeco-Roman and Eastern Church.

#### **SYSTEMATIC THEOLOGY.**

The Sources of Theology; Theism; Being and Attributes of God; The Trinity; Creative Work; Providence.

Anthropology: The Primitive State and Fall of Man.

#### **PRACTICAL THEOLOGY.**

Sacred Rhetoric. History of Preaching.

#### **ENGLISH BIBLE.**

Theological Encyclopædia and Methodology. Versions of the English Bible. Scripture History.

### **Middle Year.**

#### **EXEGETICAL THEOLOGY.**

The critical study and translation of the text of Exodus. Selections from the Psalms with the study of the principles of Hebrew Poetry.

Critical study and translation of the Epistle to the Galatians. Selected readings in the Catholic Epistles.

## HISTORICAL THEOLOGY.

Mediaeval History to the Protestant Reformation. History of Christian Doctrine.

## SYSTEMATIC THEOLOGY.

Anthropology; Depravity; Sin. Christology. Soteriology. Eschatology.

## PRACTICAL THEOLOGY.

Homiletics. Liturgics. Catechetics.

## ENGLISH BIBLE.

The Literary Study of the English Bible. English Exegesis.

**Senior Year.**

## EXEGETICAL THEOLOGY.

The critical translation and exegetical study of Isaiah. Selections from the Minor Prophets with the study of the principles of Hebrew Prophecy.

The critical study and translation of the Epistle to the Romans. Selected readings in the Pastoral Epistles.

## HISTORICAL THEOLOGY.

History of Christian Doctrine. The reformation and rise and growth of Modern Protestant Churches. History of Methodism.

## PRACTICAL THEOLOGY.

Church Polity. Pastoral Duties. Sociology. Music and Hymnology. Church Enterprises; Missions; Educational Projects; Church Extensions.

## ENGLISH BIBLE.

English Exegesis. Introduction to the Books of the Bible.



## **General Information.**

---

The trustees of the University fully expected to open the Divinity School in September last, according to announcement, but the continued financial depression rendered this impracticable. They now expect to begin work in this department at the opening of the next college year, September 14, 1897.

The Divinity School is intended to meet a recognized need throughout a large territory, with a rapidly developing Methodism, now unoccupied by any English-speaking evangelical theological school.

The necessity of a thoroughly equipped ministry in our generation is obvious. The progressive educational methods of adjacent conferences recognize it; the people demand it, while the church makes it "the duty of presiding elders and pastors to direct the attention of candidates for our ministry to the advantages offered in theological institutions."

The situation of the school is convenient and attractive, lying midway between two great cities, with easy access to either and partaking of the advantages of both.

The general advantages of the University are enjoyed by all its members in common. The University Library, the Natural History Museum and Laboratory, the Gymnasium, the Boarding Hall, etc., are open to all.

### **LIBRARIES.**

Members of the school will have access to the following libraries:

1. The Library of the University.
2. The Minneapolis and St. Paul city libraries.
3. The Library of the Minnesota Historical Society at the state capitol.

### **SOCIETIES.**

The students of the Divinity School will be eligible to membership in the various Literary and Debating Societies of the University.

### **LECTURES.**

In addition to the lecture courses of the University the leading lecturers of the country are frequently heard on the lecture plat-

form of the Twin cities. Special courses of Bible study are presented in Minneapolis each year by the American Institute of Sacred Literature. Among the lecturers of recent years have been: President William Harper, L. L. D.; Professor Ira M. Price, Ph. D.; Rev. C. A. Briggs, D. D.; Rev. E. C. Bissell, D. D.; Professor R. G. Moulton, Ph. D.

### **EXPENSES.**

No charge is made to regular students for tuition, but a general fee of five dollars per term is charged for incidental expenses, such as steam, repairs and supervision.

Students may board at the University Dining Hall at the rate of two dollars and fifty cents per week. Furnished rooms can be obtained in private families at the rate of one dollar per week.

The expense of room, board, fuel, washing and light in private families will approximate four dollars per week. By boarding in clubs this amount may be greatly reduced.

### **AID FOR STUDENTS.**

Through the Board of Education of the Methodist Episcopal Church financial aid, to a limited extent, may be rendered to students who are properly recommended and approved.

Students, having the permission of the Faculty, may support themselves entirely or in part by supplying pastoral charges in the vicinity.

Many private methods of self-support are found in addition by aggressive students.

### **GIFTS AND BEQUESTS.**

The trustees will gladly furnish, through the president, any information desired concerning the endowment of chairs or the enlargement of the facilities of the school for permanent usefulness. No better opportunity could be presented for the exercise of christian beneficence and the elevation of society than the support of the institution in its endeavor to fit men by scholarly attainments and practical training to be effective preachers of the gospel and ready for any service which may be required by the church. Bequests should be left to "The Trustees of the Hamline University of Minnesota, for the use of the Divinity School."

### **FURTHER INFORMATION.**

Students or others desiring further information concerning any work or interest of the school, may secure fuller explanation by writing to the president or registrar of the University.

## Summary of Students.

---

### College of Liberal Arts.

Senior Class, . . . . .	25
Junior Class, . . . . .	27
Sophomore Class, . . . . .	28
Freshman Class, . . . . .	49
Special, . . . . .	32
	—161
Post Graduate Students, . . . . .	7

---

### Preparatory Department.

Third Year, . . . . .	17
Second Year, . . . . .	21
First Year, . . . . .	57
Special, . . . . .	16
	—111
Department of Elocution, . . . . .	26
Department of Music, . . . . .	23
Department of Medicine, . . . . .	103
	—
Total, . . . . .	431
Counted Twice, . . . . .	38
	—
Total Enrollment, . . . . .	393

## INDEX.

Admission, . . . . .	16, 54
Advanced Standing . . . . .	16, 55
Alumni Association, . . . . .	75
Board, . . . . .	44, 69
Calendar, . . . . .	2, 52, 78
College of Liberal Arts, . . . . .	5
College of Medicine, . . . . .	47
College of Theology, . . . . .	77
Conference Visitors, . . . . .	4
Corporation, . . . . .	3
Courses of Instruction, . . . . .	14, 18, 30, 37, 57, 81
Degrees, . . . . .	17, 68, 81
Divinity School, . . . . .	77
Elocution, . . . . .	39
Examinations, . . . . .	16, 67
Executive Committee, . . . . .	4
Expenses, . . . . .	45, 68, 86
Faculty, . . . . .	6, 49, 79
General Information, . . . . .	43, 53, 85
Ladies' Hall, . . . . .	44
Lecturers, . . . . .	85
Library, . . . . .	43
Location, . . . . .	43
Music, . . . . .	41
Museum, . . . . .	29
Officers of the Board, . . . . .	4
Preparatory Department, . . . . .	32
Physical Culture, . . . . .	43
Religious Services, . . . . .	46
Rooms, . . . . .	44
Societies, . . . . .	46
Students, . . . . .	8, 32, 70
Summary of Students, . . . . .	87
Trustees, . . . . .	3, 48





C  
181 H  
1897-98

# Hamline University

1897-98





# Catalogue

OF

## Hamline University

College of Liberal Arts.

College of Medicine.

1897='98.

---

HAMLIN, MINN.

## Calendar.

---

- 1898—September 13, *Tuesday*, Fall Term begins.  
September 13, *Tuesday*, Entrance Examinations.  
December 15-16, *Thursday-Friday*, Term Examinations.

### VACATION OF TWO WEEKS.

- 1899—January 3, *Tuesday*, Winter Term begins.  
March 16-17, *Thursday-Friday*, Term Examinations.  
March 17, *Friday*, Winter Term ends.  
March 27, *Monday*, Spring Term begins.  
May 22-23, *Monday-Tuesday*, Senior Examinations.  
June 4, *Sunday*, 10:30 A. M., Baccalaureate Sermon.  
June 5, *Monday*, Entrance Examinations.  
June 5-6, *Monday-Tuesday*, Term Examinations.  
June 6, *Tuesday*, 3 P. M., Address before the Historical Society.  
June 7, *Wednesday*, Alumni Day.  
June 7, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.  
June 7, *Wednesday*, 4 P. M., Class Day Exercises.  
June 8, *Thursday*, 2 P. M., Annual Commencement.

# Corporation.

---

## Trustees.

---

TERM EXPIRES 1898.

BISHOP ISAAC W. JOYCE, D. D.,  
HON. M. G. NORTON,  
A. W. BRADLEY, Esq.,  
C. H. GRISWOLD, M. D.,  
REV. W. MCKINLEY, D. D.,

MINNEAPOLIS.  
WINONA.  
DULUTH.  
ST. PAUL.  
ST. PAUL.

TERM EXPIRES 1899.

HON. H. R. BRILL, LL. D.,  
HON. J. T. WYMAN,  
S. S. THORPE, Esq.,  
PROF. E. F. MEARKLE, LL. B.,  
COL. PERRY HARRISON,  
HON. JAMES QUIRK,

ST. PAUL.  
MINNEAPOLIS.  
MINNEAPOLIS.  
HAMLINE.  
MINNEAPOLIS.  
MINNEAPOLIS.

TERM EXPIRES 1900.

REV. CYRUS BROOKS, D. D.,  
ALFRED J. DEAN, Esq.,  
B. F. NELSON, Esq.,  
REV. W. A. SHANNON,  
HON. LEONIDAS MERRITT,

ST. PAUL.  
MINNEAPOLIS.  
MINNEAPOLIS.  
DULUTH.  
DULUTH.

TERM EXPIRES 1901.

REV. J. F. CHAFFEE, D. D.,  
F. A. CHAMBERLAIN, Esq.,  
REV. G. H. BRIDGMAN, D. D.,  
HON. W. H. EUSTIS,  
WATSON S. MOORE, Esq.,

MINNEAPOLIS.  
MINNEAPOLIS.  
HAMLINE.  
MINNEAPOLIS.  
DULUTH.

## Conference Visitors.

---

### MINNESOTA CONFERENCE.

[Who are also ex-officio Trustees.]

REV. F. B. COWGILL, D. D.

REV. R. N. AVISON, A. M.

REV. W. C. RICE, A. M.

REV. W. M. GILLIS, A. M.

REV. L. A. WILLSEY, B. D.

REV. W. J. ROBINSON, A. M.

REV. JABEZ BLACKHURST, A. M.

### NORTHERN MINNESOTA CONFERENCE.

REV. MATT. S. HUGHES, D. D.

REV. J. C. SHELLAND, D. D.

REV. G. H. HUMASON, D. D.

REV. J. M. BROWN, A. M.

REV. WILLIAM HANSOM, LL. D.

---

## Officers of the Board.

[Who are Executive Committee ex-officio.]

---

REV. J. F. CHAFFEE, D. D., *President.*

HON. M. G. NORTON, *First Vice-President.*

HON. J. T. WYMAN, *Second Vice-President.*

REV. F. B. COWGILL, *Secretary.*

PROF. E. F. MEARKLE, LL. B., *Treasurer.*



# College of Liberal Arts.



## Faculty.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,  
*Professor of Mental and Moral Science.*

LOREN H. BATCHELDER, A. M., DEAN,  
*Carrie A. Widstrand Professor of Chemistry and Physics.*

REV. GEORGE S. INNIS, PH. D.,  
*Professor of History.*

ERASTUS F. MEARKLE, LL. B.,  
*Rebecca M. Harrison Professor of Mathematics.*

MILTON J. GRIFFIN, A. M.,  
*Professor of Greek and Modern Languages.*

HENRY L. OSBORN, PH. D.,  
*Professor of Biology and Geology.*

WILLIAM E. THOMPSON, A. M.,  
*Professor of the Latin Language and Literature.*

ARTHUR Z. DREW, A. M.,  
*Assistant Professor of Mathematics.*

ALTA M. BARKER, PH. B.,  
*Preceptress and Professor of English Literature.*

OLGA B. RITTER,  
*Teacher German and French.*

EDWARD E. McDERMOTT, M. S.,  
*Elocution.*

MRS. HENRY L. OSBORN,  
*Piano.*

WILLIAM H. CLARK,  
*Vocal Music.*

JOHN A. VAN DYKE, A. M.,  
*Lecturer on Pedagogics.*

REV. F. B. COWGILL, D. D.,  
*English Bible.*

REV. PETER CLARE, A. M.,  
*English Bible.*

RAYMOND P. KAIGHN,  
*Physical Director.*

DWIGHT W. STEBBINS,  
*Assistant in Biology.*

BYRON MORK,  
*Assistant in Chemical Laboratory.*

GEORGE S. INNIS, PH. D.,  
*Librarian.*

ARTHUR Z. DREW, A. M.,  
*Registrar.*

## Collegiate Department.

---

### STUDENTS.

---

#### Post Graduate.

BARNES, FRANK G.,	Biology,	<i>Epworth, Iowa</i>
DUNN, ISAAC J.,	Political Economy,	<i>Hamline</i>
FOSS, HARIETTE,	History,	<i>Virginia</i>
GIBBONS, FANNIE M.,	German, Latin,	<i>Minneapolis</i>
GRANT, W. MORTIMER,	Political Economy,	<i>Hamline</i>
LOAG, JULIA,	Biology,	<i>Hamline</i>
MORGAN, JENNIE B.,	History,	<i>Galva, Ill.</i>
PHILLIPS, EUGENE M.,	History,	<i>Dawson</i>
SCOFIELD, ESTELLA,	History,	<i>Ortonville</i>
TASKER, PRUDENCE,	History,	<i>Amenia, North Dakota</i>
WALLACE, EDWARD H.,	History,	<i>Amenia, North Dakota</i>

#### Senior Class.

CALDWELL, GUY L.,	<i>Hamline</i>
COGHLAN, EDWIN R.,	<i>Wood Lake</i>
COOK, SILAS A.,	<i>Blue Earth City</i>
CROSSEN, HUGH,	<i>Hamline</i>
EDMUNDS, W. MORLY,	<i>Drayton, North Dakota</i>
FAWCETT, ARTHUR C.,	<i>Marion</i>
GRALING, MARY M.,	<i>Spring Valley</i>
KAIGHN, RAYMOND P.,	<i>Philadelphia, Pennsylvania</i>
KINSMAN, GEORGE R.,	<i>Hamline</i>
LAWRASON, R. OSCAR,	<i>Hamline</i>
MCCLAY, LAURA A.,	<i>Montevideo</i>
MCKINSTRY, MABLE H.,	<i>Winnebago City</i>
MORK, BYRON,	<i>Wood Lake</i>
PAYNE, CARROLL E.,	<i>Northfield</i>
PETERSON, PAUL,	<i>Hamline</i>



PUFFER, LEWIS M.,	<i>Guelph, North Dakota</i>
RICHARDSON, A. LAVERNE,	<i>Duluth</i>
RICHARDSON, ELMER,	<i>Drayton, North Dakota</i>
RIDGWAY, BEATRICE L.,	<i>Hamline</i>
SHUCK, ADRIA,	<i>West Duluth</i>
SHUMAN, BERTRAM A.,	<i>Wichita, Kansas</i>
STEBBINS, ANSTIS C.,	<i>Kenyon</i>
STEBBINS, DWIGHT W.,	<i>Kenyon</i>
STIRRATT, OLIVER J.,	<i>Prescott, Wisconsin</i>
TERRY, ROBT. W.,	<i>Slayton</i>
TETHER, CHESTER H.,	<i>Red Wing</i>
WALLACE, MAUD E.,	<i>Hamline</i>
WHITNEY, DAVID H.,	<i>Hamline</i>

### Junior Class.

ADAMS, ELLEN M.,	<i>Hamline</i>
ATHA, EARL T.,	<i>Ortonville</i>
BABCOCK, GEORGE P.,	<i>Hamline</i>
BLOOMFIELD, WINIFRED W.,	<i>Hamline</i>
CALDWELL, D. KNOX,	<i>Hamline</i>
CLIFTON, NETTIE,	<i>Rochester</i>
COLEMAN, FRED,	<i>Dodge Center</i>
COOKE, J. CHARLES,	<i>Brownsdale</i>
COTTON, ANNA L.,	<i>Nashua, Iowa</i>
DACK, ORA E.,	<i>Stanton</i>
DONAHUE, BLANCHE,	<i>Clear Lake, Iowa</i>
EVANS, JESSIE H.,	<i>Hamline</i>
FLUKE, MAY C.,	<i>Farmington</i>
HART, FRANKIE,	<i>Chicago, Illinois</i>
HART, LOUIE B.,	<i>Chicago, Illinois</i>
JOHNSON, CURTIS M.,	<i>Rush City</i>
JUDSON, WM. E.,	<i>Medford</i>
LAUVER, LILLIAN B.,	<i>Red Wing</i>
LEWIS, LEONA,	<i>Cambel, California</i>
LINK, LILLIAN,	<i>Marshall</i>
MARTIN ARTHUR W.,	<i>Hamline</i>
MERRITT, LEWIS H.,	<i>Duluth</i>
MERRITT, LUCIEN,	<i>Duluth</i>
OLSEN, T. ARTHUR,	<i>Hamline</i>
TAYLOR, FRED H.,	<i>Hamline</i>
WELD, ETHEL I.,	<i>Windom</i>
YOUNG, WM. W.,	<i>Minneapolis</i>

**Sophomore Class.**

ANDERSON, LYDIA, M.,	<i>Milan</i>
BALDWIN, GERTRUDE,	<i>Marshall</i>
BENHAM, GRACE,	<i>Hamline</i>
BENSON, ELSIE,	<i>Heron Lake</i>
COLBY, ESTHER J.,	<i>Plainview</i>
COLLETT, CHAS. E.,	<i>Canton</i>
CURRY, ANNA M.,	<i>Farmington</i>
EDMUNDS, HERBERT M.,	<i>Drayton, North Dakota</i>
ELFORD, CLARENCE F.,	<i>Douglass</i>
GOLD, MABEL E.,	<i>Big Stone City, South Dakota</i>
GREAVES, ELWIN B.,	<i>Glencoe</i>
HALL, BENJAMIN F.,	<i>Wood Lake</i>
HILL, FRED W.,	<i>Bond Head, Ontario</i>
INNIS, HOMER C.,	<i>Hamline</i>
KIRK, HARRY S.,	<i>Stewart</i>
MAGRAW, FLORENCE,	<i>Hamline</i>
MALLORY, MELVIN N.,	<i>Plainview</i>
MCNEIL, MARY C.,	<i>Detroit City</i>
MORRILL, ROBT. A.,	<i>Byron</i>
NESOM, GEORGE H.,	<i>South St. Paul</i>
PACKARD, FRANK E.,	<i>Wadena</i>
ROSSMAN, FLOY,	<i>Hamline</i>
SHADINGER, GUY H.,	<i>Glencoe</i>
SPERRY, GRACE A. V.,	<i>Wilder</i>
TISDALE, FRED,	<i>Fordyce, Ontario</i>
VAN CAMP, ELIJAH,	<i>St. Thomas, North Dakota</i>
WALLACE, MABEL A.,	<i>Hamline</i>
WHITCOMB, ORRIN J.,	<i>Byron</i>

**Freshman Class.**

BENHAM, RICH.,	<i>Hamline</i>
BOORMAN, ORIZABA,	<i>Manston, Wisconsin</i>
BOWERS, STELLA E.	<i>Rochester</i>
CHENEY, ISRAEL P.,	<i>Appleton</i>
CHERMAK, MARY A.,	<i>Chatfield</i>
COCHRAN, EDWARD L.,	<i>Drayton, North Dakota</i>
COLYER, MOLLIE B.,	<i>Morris</i>
CRIST, NINA V.,	<i>Hamline</i>
CROFT, JOHN W.,	<i>Tracy</i>
CUMMINGS, EMOGENE,	<i>White Bear</i>
DAVIS, MAURICE,	<i>Glenwood</i>
DRAEGER, EMIL H.,	<i>New Ulm</i>
DRILL, LEWIS,	<i>Browneville</i>
EWING, WM. J.,	<i>Glencoe</i>
FOSTER, BAINBRIDGE W.,	<i>Hector</i>
FRANKLIN, MAE,	<i>Devils Lake, North Dakota</i>
GILLIS, MAY G.,	<i>Pine Island</i>
GILLIS, WINNIFRED,	<i>Pine Island</i>
GOULD, GRACE D.,	<i>Wasioja</i>
HACKNEY, JOSEPH M.,	<i>St. James</i>
HALL, NELLIE,	<i>Plainview</i>
HECKERT, J. WALTER,	<i>Kasson</i>
HILLIS, BERT E.,	<i>Tyner, North Dakota</i>
JOHNSON, EVA C.,	<i>Clay Bank</i>
JOHNSON, ROBT. C.,	<i>Logan</i>
KNUDSON, STELLA,	<i>Deer Park, Wisconsin</i>
LASSELL, GRACE,	<i>Etna</i>
MALLORY, MYRTLE L.,	<i>Plainview</i>
MYERS, MILDRED,	<i>Miles City, Montana</i>
OLSON, ADOLPH J.,	<i>Brandon</i>
PEMBERTON, JOHN L.,	<i>Hamline</i>
PORCHER, MARIA R.,	<i>Minneapolis</i>
PRATT, HARRIET J.,	<i>Virginia City</i>
RICE, WM. A.,	<i>Lake City</i>
ROCHE, PATRICK W.,	<i>Drayton, North Dakota</i>
ROCHE, RICHARD,	<i>Drayton, North Dakota</i>

SCHALL, THOS. D.,	<i>Ortonville</i>
SCOTT, WESLEY,	<i>Drayton, North Dakota</i>
SHAW, GEORGE,	<i>St. Thomas, Ontario</i>
TEETERS, ROSE M.,	<i>Hastings</i>
TUCKER, JAMES H.,	<i>Hastings</i>
WALDRON, CHAS. A.,	<i>Buffalo</i>
WALLACE, CHAS. H.,	<i>Drayton, North Dakota</i>
WANNER, ANNA M.,	<i>Pingree, North Dakota</i>
WEBB, LOUELLA,	<i>Hamline</i>
WEBBER, H. ARTHUR,	<i>St. Paul</i>
WHITE, MORRIS W.,	<i>St. Paul</i>
WILLIAMS, ELSIE A.,	<i>Antioch, Illinois</i>
WILLMARTH, J. SCOTT.	<i>Kearon</i>

### College Specials.

ALBERTSON, CHAS. N.,	<i>Volga, South Dakota</i>
ARNESON, INGA,	<i>Watson</i>
BAKER, EVA E.,	<i>Clark, South Dakota</i>
BARKULOO, PAUL A.,	<i>Hamline</i>
BATDORF, NORMAN,	<i>Hamline</i>
CECIL, REUBEN,	<i>Hastings</i>
COX, EDGAR C.,	<i>Hamline</i>
DYER, SEWARD B.,	<i>Pipestone</i>
FREEGUARD, JNO. E.,	<i>St. Paul</i>
FRYCKBERG, JOHN W.,	<i>St. Paul</i>
GOLD, EDITH M.,	<i>Big Stone City, South Dakota</i>
GRAY, ROBT. E.,	<i>Hamline</i>
HOHMAN, SUSAN C.,	<i>Bird Island</i>
INWOOD, ARTHUR I.,	<i>McCutchanville, Indiana</i>
LAIDLAW, ALDEN J.,	<i>Wood Lake</i>
LASELL, MABEL,	<i>Waubay, South Dakota</i>
LAWSON, FLOYD A.,	<i>Minneapolis</i>
LINGMAN, DAVID,	<i>Hamline</i>
MCKAIG, GERTRUDE G.,	<i>Hamline</i>
MCKAIG, ROBT. R.,	<i>Hamline</i>
MCKENZIE, DONALD,	<i>Langford, South Dakota</i>
MERRITT, JAS. C.,	<i>Duluth</i>
MOSES, WILL. J. B.,	<i>Alexandria</i>

NOBLE, BERT V.,	<i>Bruoten</i>
NOLTIMIER, HARRY B.,	<i>Newport</i>
OLSON, ELIZABETH,	<i>Afton</i>
OLSON, MARY E.,	<i>Afton</i>
QUICK, KATIE N.,	<i>Ely</i>
RICH, DEBORAH L.,	<i>Hamline</i>
RITTER, OLGA B.,	<i>Zurich, Switzerland</i>
ROBBINS, HORTENSE B.,	<i>Spencer, Iowa</i>
ROSSER, WATKIN,	<i>Hutchinson</i>
SAWYER, MYRA L.,	<i>Geneva</i>
SLACK, JAMES A.,	<i>Williamstown, Ontario</i>
SPEAR, MINA L.,	<i>Hamline</i>
STEVENS, HERBERT H.,	<i>Red Wing</i>
TAYLOR, ROBT. J.,	<i>Hamline</i>
TOSTESON, OLIVE,	<i>Hopkins</i>
WALLACE, LEWIS H.,	<i>Drayton, North Dakota</i>
WATSON, GEO. P.,	<i>Hamline</i>
WENGER, FERDINAND A.,	<i>Hamline</i>
WIREN, ANNIE,	<i>Minneapolis</i>
WIREN, FRANCES,	<i>Minneapolis</i>
WIREN, JENNY,	<i>Minneapolis</i>

## **Courses of Study.**

Three courses of study are open to the members of the College of Liberal Arts.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSES. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

## Requirements for Admission to the Freshman Class.

---

### Classical Course.

- LATIN: Cæsar, Gallic War, four books.  
Virgil, Æneid, four books.  
Cicero, Five Orations.  
Latin Grammar, Allen and Greenough's or an equivalent.
- GREEK: Xenophon, Anabasis, three books.  
Homer, Iliad, one book.  
Greek Grammar, Goodwin's or an equivalent.
- MATHEMATICS: Plane and Solid Geometry.  
Algebra, through Quadratic Equations, Wentworth's  
or an equivalent.
- ARITHMETIC: Including the Metric System.
- ENGLISH: English Grammar and Analysis.  
Elementary Rhetoric and Composition.
- HISTORY: History of the United States.  
History of Greece.  
History of Rome.
- 

### Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

### **Examination for Admission.**

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

### **Record and Examination.**

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

### **Advance Standing.**

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

### **Registration—Deficient Work.**

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.



## Course of Study by Departments.

---

### Latin.

COURSE A.—**Livy**, Books I and XXI, four times a week for two terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—**Horace**, four times a week for the Spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rhythmic reading of the odes. Required of all Freshmen.

COURSE C.—I. **Terence**, five times a fortnight for the Fall term; to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. **Cicero**, five times a fortnight during the Winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. **Horace**, five times a fortnight during the Spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius, and Tacitus may be substituted.

COURSE D.—**Latin Hymns**, twice a week during third term of Junior year; a study of the Hymnology of the Early Christian Church, together with practice in sight-reading. Elective for Juniors and Seniors who have taken Courses A and B.

COURSE E.—In the Fall and Winter terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation, open to those who have taken courses A, B and C.

## COURSE F.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B, C and D.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

---

## Greek.

COURSE A.—**The Odyssey** will be read in the Fall term, **Herodotus** in the Winter, Select Orations of **Lysias** in the Spring. The aim is to study these works as literature and also as helps to language study, mental discipline and general culture. Metrical reading of the poetry will be practised, and study of life in Homeric times; the composition and derivation of words, and in connection with Lysias, the government and courts of Athens, and everything necessary to the understanding of the orations. Daily throughout the year.

Required of Freshmen in the classical course.

COURSE B.—Elective for the Sophomores. In the Fall term Xenophon's *Memorabilia*, in the Winter term Plato's *Apologia* and in the Spring term Demosthenes' *De Corona*, or works of the same grade, will be read. Part of the time will be spent in sight reading. An elective in Greek twice a week is also provided in the Junior year.

## German.

COURSE A.—**Beginning German.** I. Fall Term.—“Collar’s Shorter Eysenbach” is used. Students are carefully drilled in pronunciation; short selections are committed to memory and used as a basis for conversation.

II. The study of the grammar is continued during the Winter term and translation from some German reader is begun.

III. The reader is used in the Spring term. The English sentences of the grammar are translated into German, as far as time allows, and the selections read are used as material for conversation in the class. Five times a week through the year, elective for Sophomores.

COURSE B.—**Advanced German.** The works read vary from year to year. The constant aim in this department is to train the ear to the understanding of spoken German, to acquire some facility in speaking the language, and a good degree of facility in translation from German into English and as far as possible the understanding of it without translation. The course is elective and open to Juniors who have had course A.

---

## French.

French is elective in the Sophomore or Junior years. Part I of Edgren’s French Grammar is learned during the Fall term. In the Winter term a reader is used. In the Spring term the same books will be used. Students are expected during this course to master the conjugations, become quite familiar with the gender of nouns and the leading features of the grammar and to acquire considerable facility in reading and translation from French into English, and easy sentences from English into French. Special attention will be paid to the training of the students in the understanding of spoken French. Oral exercises will form an important part of the work.

## English Language and Literature.

COURSE A. I. **Rhetoric**, twice a week during the year. A course of study of the principles and practice of rhetoric, both as a foundation for the study of English Literature and for application in the practice of composition. Required of all Latin-Scientific Freshmen.

II. **Theme Writing**, once a week throughout the year, this course is intended to be in connection with section I, and will replace the Freshmen's Wednesday Rhetoricals of previous years.

COURSE B. **History of English Literature**. General introduction to English Literature four times a week throughout the year. An outline of the History of English Literature, with Pancoast's Outlines as a guide, and with assigned collateral illustrative reading. Optional for Sophomores, who have had course A.

COURSE C. **Advanced English Literature**. This course is designed to follow courses A and B. It will be a course four times a week throughout the year, and will include exhaustive studies of the works of a particular writer, period or style. It will be optional to all students who have completed courses A and B.

COURSE D. **Literary Criticism**. A course twice a week throughout the year, following so far as possible the following lines:

I. A series of LECTURES with illustrative reading to develop the principles of the subject, under the heads of style, construction and content.

II. A study of the APPLICATION of these principles in a number of pieces of different literary forms; e. g., the essay, fiction, the drama, epic poetry and lyric poetry.

This course is optional to Seniors who have had at least courses A and B. It is continuous and students may not elect it for less than a whole year.

All Sophomores are met each week for exercises in English Composition; the work includes practice both in literary and oral expression, taking the form of essays, sketches, declamations delivered in the presence of the class, with criticism from the instructor and in some cases also from members of the class.

Chapel orations and essays are required to be written and delivered by all Juniors and Seniors before an audience in the college chapel once each term. These articles are based on more or less extended original reading and research, and have the benefit of personal criticism from the professor in charge before they take their final form.

---

## **Mental and Moral Philosophy.**

**COURSE A. Psychology**, four times a week through Fall term.

This is a general elementary course of study of the outlines of the science; it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

**COURSE B. Moral Science**, four times a week during Winter term. Optional for Seniors.

**COURSE C. Natural Theology**, twice a week through Spring term. Optional for Seniors.

**COURSE D. Evidences of Christianity**, three times a week through Spring term. Optional for Seniors.

---

## **English Bible.**

**Bible Study**, once a week through four years, each of the college classes devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

## Historical and Political Science.

### I. HISTORY.

**COURSE A.—Modern History.** A half-study throughout the year, elective for the Sophomores. Fisher's Modern History is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

**COURSE B.—Science of Government.** A half-study, required during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in Bryce's American Commonwealth. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

**COURSE C.—History of Civilization.** A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

### II. POLITICAL ECONOMY.

**COURSE A.—Introduction** to the Study of Political Economy. A half-study, optional with the Juniors for the Spring term. Walker's Political Economy, Advanced Course, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

**COURSE B.—Advanced Course.** A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for



original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work under charge of the professor, and of theses read before the Senior class.

---

## Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Van Dyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

---

## International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

---

## American Constitutional and Common Law.

This course is an elective, twice a week, through the Senior year. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

## Mathematics and Astronomy.

COURSE A.—I. **Algebra**—Wentworth's Complete. Radicals, Theory of Exponents, Logarithms, Progression, Choice, Chance. Five times a week, Fall term.

II. **Plane Trigonometry**—Wentworth. Five times a week, Winter term.

III. **Spherical Trigonometry**—Wentworth: three weeks.

**Analytical Geometry**—Nichols: seven weeks. Five times a week, Spring term.

This course required of all Freshmen.

COURSE B.—I. **Calculus**—Olney. Five times a fortnight, Fall and Winter terms.

II. **Mensuration and Surveying**—Carhart. Five times a fortnight, Spring term.

This course is elective for Sophomores and is offered only on alternate years; it will be open in 1898-9.

COURSE C.—**Astronomy**, three times a week, Spring term. An outline course in Descriptive Astronomy. Elective for Juniors.



## Physics.

**COURSE A.—Elementary Mechanics.** This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores.

**COURSE B.—Physics. I.** Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases; sound; heat; electricity and magnetism; and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores.

**COURSE C.—Physics. II.** A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for Seniors.

## Chemistry.

COURSE A.—**General Chemistry.** This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Juniors and Seniors.

COURSE B.—**Basic Qualitative Analysis.** I. This course extends through the third term of Junior year, two afternoons each week. It consists almost wholly of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of chemical equations. Elective for Juniors.

COURSE C.—**Qualitative Analysis.** II. This course, which extends through the first term of Senior year, four hours per week, continues the work of Course B. Especial attention is given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. Elective for Seniors.

COURSE D.—**Quantitative Analysis.** This course extends through the second and third terms of Senior year. The student is first taught the use of the balance and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for Seniors.

## Biology.

COURSE A.—**Elementary Invertebrate Zoology.** Three times a week, for three terms, as follows:

- I. Protozoa and Coelenterates and Echinoderms, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold; first, to train students to the habits of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-water or land animals are selected as far as possible. Groups are taken up seriatim and several representative forms of every principal group are examined. Among the forms actually studied are such as Amoeba, Euspongia, Hydra, Asterias, Strongylocentrotus, Unio, Ostrea, Lumbricus, Cambarus, Eupagurus, Pinna, Pinctotheres, Cyclops, Branchippus, Caloptenus and many others. The work is a course of lectures required to be reported by the students and of laboratory work on the animals referred to, or on some closely allied ones. There are frequent written quizzes. Required of all Latin-Scientific Freshmen.

COURSE B. I. **General Biology**, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protoctus, Penicillium, Spirogyra, Geranium Leaf, Paramecium, Vorticella, Hydra, and other subjects. Then the physiological conditions of cell-life are investigated on Yeast as a subject. The condition of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations.

II. **Vertebrate Morphology**, twice a week through the Winter term. The smelt and the salamander are dissected, and this work is accompanied by a course of lectures on the Comparative Anatomy of Vertebrates.

III. **Mammalian Histology**, twice a week through the Spring term. This is an elementary course of lectures and laboratory work in the histology of the tissues and some of the

more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on the manipulation of fresh material, and involves experience in some of the simpler methods of microscopical technique. And it is also based on prepared sections.

Course B is optional; students in the Classical Course who wish this course must first have taken Course A.

**COURSE C. Mammalian Physiology**, four times a week for the first half year. This is chiefly a lecture and reading course; demonstrations are given, but the individual laboratory study of physiology is not attempted. The attempt is however made so far as possible to consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is *optional but open* only to students who have taken courses A and B.

**COURSE D. Advanced Biology**, twice a week through the Senior year. This is an individual and practical course, intended for those who are preparing to specialize in biology. It is open only to those who have taken courses A and B, and have shown marked proficiency in Biological laboratory and theoretical work. Distinct courses are not assigned, but so far as possible it is planned to devote the Fall term and the Winter term to work in Vertebrate Anatomy on the basis of Weidenschheim's Comparative Anatomy, and the Spring term to Vertebrate Embryology, but special work will be planned if necessary to meet individual cases. The work will include practice in the methods of microscopical technique, including the technique of fixing, staining, imbedding, sectionizing and balsam-mounting of tissues and organs.

During the course of the year lectures may be delivered informally and not according to programme on biological and speculative subjects, which are designed to show to the student the present positions of research in biological science.

#### NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for forty students at one time. There are twenty-five compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the

science can be readily carried on. The museum is a very large apartment, being in fact the entire third story of Science Hall. It is gradually coming to have a very extensive collection for illustrating the lectures and other studies of the department, and is also an important factor in the general instruction of the student. All the collections in the museum are serially arranged, and most of the specimens are named, and to some extent they are described. The description of the specimens by typewritten labels is planned and will be a very great aid to the usefulness of this department. The library has received, through the benevolence of Mr. C. G. Goodrich, of Minneapolis, the gift of \$1,000 to be used for the purchase of biological books. These have in part been purchased and they now make it possible for students to gain an insight into biological literature when they are studying any of the subjects of the course. Some of the current biological periodicals are taken by the department, and these and "separates," as well as the more useful reports and many books are kept in the biological laboratory, and are constantly available to the student for reference.

---

## Geology.

COURSE A.—Elements of Geology, four times a week through the last half of the year. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Seniors.

## Synopsis of the Course of Study.

FRESHMAN YEAR.	Fall Term.	LATIN.—Livy. 4. MATHEMATICS.—Algebra, Wentworth's Complete. 5. <i>Classical</i> .—GREEK, Herodotus. 5. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Protozoa and Coelenterata. 3.
	Winter Term.	LATIN.—Livy. 4. MATHEMATICS.—Plane and Spherical Trigonometry. Olney. 5. <i>Classical</i> .—GREEK, Plato, Apologia. 5. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Echinoderms, Scolecids and Mollusks. 3.
	Spring Term.	LATIN.—Horace. 4. MATHEMATICS.—Spherical Trigonometry completed. Analytical Geometry, Olney. 5. <i>Classical</i> .—GREEK, Xenophon, Memorabilia. 5. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Annelids and Arthropods. 3.
SOPHOMORE YEAR.	Fall Term.	GERMAN OR FRENCH.—5. <i>Electives.</i> MATHEMATICS.—Mechanics, Carhart. 4. ENGLISH LITERATURE.—4. LATIN.—Terence, Literature. 2½. GREEK.—Demosthenes, De Corona. 2½. CALCULUS.—Olney. 2½. HISTORY.—2½.
	Winter Term.	GERMAN OR FRENCH.—5. <i>Electives.</i> MATHEMATICS.—Physics, Carhart. 4. ENGLISH LITERATURE.—4. LATIN.—Cicero's Laelius or Pliny's Letters; Literature. 2½. GREEK.—Sophocles Oedipus Tyrannus. 2½. CALCULUS.—2½. HISTORY.—2½.
	Spring Term.	GERMAN OR FRENCH.—5. <i>Electives.</i> MATHEMATICS.—Physics; Lectures. 4. ENGLISH LITERATURE.—4. LATIN.—Horace De Arte Poetica or Quintilian; Literature. 2½. GREEK.—Aristophanes, The Clouds. 2½. MENSURATION AND SURVEYING.—Carhart. 2½. HISTORY.—2½.

The figures indicate the number of class exercises per week.  
 Sixteen exercises per week, including Bible study and English composition are required.



JUNIOR YEAR.	
Fall Term.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Remsen; Laboratory Practice. 3 (afternoons). GENERAL BIOLOGY.—2 (afternoons). GERMAN.—5. FRENCH.—5. LATIN.—2. GREEK.—2.
Winter Term.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Laboratory practice. 3 (afternoons). VERTEBRATE MORPHOLOGY.—2. GERMAN.—5. FRENCH.—5. LATIN.—2. GREEK.—2.
Spring Term.	ENGLISH LITERATURE.—4. LOGIC.—McCosh. 3. GERMAN.—Goethe. 3. FRENCH.—5. POLITICAL ECONOMY.—3. QUALITATIVE ANALYSIS.—Appleton. 2. DESCRIPTIVE ASTRONOMY.—Young. 3. MAMMALIAN HISTOLOGY.—2. GREEK.—New Testament. 2. LATIN.—March's Latin Hymns or Lucretius or Tacitus. 2.
SENIOR YEAR.	
Fall Term.	POLITICAL ECONOMY.—4. HUMAN BODY.—4. PSYCHOLOGY.—4. HISTORY.—Civilization. 4. EDUCATION.—2. ENGLISH LITERATURE.—2. PHYSICS or CHEMISTRY.—2. BIOLOGY.—2. CONSTITUTIONAL LAW.—Black. 2.
Winter Term.	HUMAN BODY; GEOLOGY.—4. POLITICAL ECONOMY.—4. HISTORY.—Civilization. 4. MORAL SCIENCE.—Porter. 4. CONSTITUTIONAL LAW.—2. EDUCATION.—2. ENGLISH LITERATURE.—2. PHYSICS or CHEMISTRY.—2. BIOLOGY.—2.
Spring Term.	NATURAL THEOLOGY.—Chadbourne; Lectures. EVIDENCES OF CHRISTIANITY.—Hopkins. 3. INTERNATIONAL LAW.—3. GEOLOGY.—4. AMERICAN COMMON LAW.—LECTURES. 2. SOCIOLOGY.—4. EDUCATION.—2. ENGLISH LITERATURE.—2. PHYSICS or CHEMISTRY.—2. BIOLOGY.—2.

## Preparatory Department.

---

The Preparatory Department, although separated in some respects from the College Department, is yet kept in vital connection with it; and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

---

### STUDENTS.

---

#### First Preparatory.

ANDERSON, ALMA J.,	<i>Milan</i>
BEVANS, DAISY,	<i>Hamline</i>
BOOTHBY, JONATHAN,	<i>Hammond, Wis.</i>
BOWERS, E. L.,	<i>Rochester</i>
BOYER, RAY,	<i>Ashton, S. Dak.</i>
BRIDGMAN, DONALD,	<i>Hamline</i>
BROWN, HATTIE,	<i>Minneapolis</i>
CALDWELL, IDA,	<i>Hamline</i>
CARTER, ORRIN,	<i>North Branch</i>
CLARE, EDDIE,	<i>Hamline</i>
COLCORD, THOS.,	<i>Langford, S. D.</i>
CULLEN, ANNA F.,	<i>Hamline</i>
DACK, OTTO,	<i>Stanton</i>
DINNEEN, DORA,	<i>Sanborn</i>
DURNAL, MYRTLE L.,	<i>Hamline</i>
FIELD, FLORENCE E.,	<i>Beardsley</i>
FOSBERG, F. W.,	<i>Detour, Mich.</i>
FORSMAN, ARTHUR H.,	<i>Afton</i>
GILLIS, GEO. D.,	<i>Crystal, N. D.</i>
GOULD, RAY D.,	<i>Excelsior</i>
HARRIS, ETHEL M.,	<i>Hamline</i>



HEAL, HARRY J.,	<i>Hamline</i>
HENRY, J. H.,	<i>Janesville</i>
HYDE, LAWRENCE P.,	<i>St. Paul</i>
IDE, A. L.,	<i>Hamline</i>
IRELAND, ED. G.,	<i>Appleton</i>
JONES, FRANK C.,	<i>Reville, S. D.</i>
KINSMAN, ADELBERT G.,	<i>Hamline</i>
KLOOS, CHARLEY,	<i>Carver</i>
LINDHOLM, CHAS. A.,	<i>Custer</i>
LOWE, JOHN,	<i>Hamline</i>
MATHIEU, CARRIE,	<i>Verdon, S. D.</i>
MATTICE, HARRY,	<i>Appleton</i>
MATTISON, M. W.,	<i>Minneapolis</i>
MAXWELL, FRANK G.,	<i>Appleton</i>
MORRILL, GEORGE A.,	<i>Byron</i>
OLSON, ARTHUR E.,	<i>Afton</i>
PENNINGTON, FRANCIS G.,	<i>Cottage Grove</i>
PETERSON, ANDREW,	<i>Appleton</i>
PRATT, ELLIS V.,	<i>Anoka</i>
RANSOM, LEAH,	<i>Hamline</i>
RICHARDSON, GEORGE,	<i>Wyoming, Minn.</i>
ROBY, ROY,	<i>Ferny, S. D.</i>
SANFORD, C. W.,	<i>Ono, Wis.</i>
SCHWEITZER, FRED R.,	<i>Alma, Wis.</i>
SHUMAN, GAYLORD T.,	<i>Wichita, Kansas</i>
SHUMAN, R. E.,	<i>Wichita, Kansas</i>
SMITH, EDWARD C.,	<i>Appleton</i>
SMITH, MARY R.,	<i>Hamline</i>
SMITH, WILLIAM W.,	<i>Ridgway</i>
SPLAN, MYRTLE G.,	<i>Chicago, Ill.</i>
STOCKDILL, MARY C.,	<i>Hamline</i>
STURTEVANT, NELLIE,	<i>Hamline</i>
SUCKOW, EMMA H.,	<i>Kekoskee Dodge, Wis.</i>
WEBSTER, EDWARD,	<i>Appleton</i>
WEMPLE, JESSIE L.,	<i>Fergus Falls</i>
WILSON, HILDA,	<i>St. Paul</i>
WINSTON, MATTIE D.	<i>Hamline</i>
WOLEVER, MAUD C.,	<i>Hamline</i>
WRIGHT, HELEN,	<i>Hamline</i>

**Second Preparatory.**

ACKLEY, IRVING L.,	<i>Spring Valley</i>
BARKULOO, WM. C.,	<i>Hamline</i>
BEVANS, JULIA,	<i>Hamline</i>
FEATHERSTONE, BRITON G.,	<i>Red Wing</i>
FEATHERSTONE, CHAS. W.,	<i>Red Wing</i>
INNIS, ETHELWYN,	<i>Hamline</i>
KINGSTON, MERTON S.,	<i>Tower</i>
KINSMAN, FRANK H.,	<i>Hamline</i>
MASSEE, CHAS.,	<i>Louisville, Wis.</i>
MCCREA, C. HARPER,	<i>Minneapolis</i>
MCKAIG, H. CARLE,	<i>Hamline</i>
MITCHELL, HOWARD W.,	<i>Washburne</i>
PEMBERTON, JOSEPH G.,	<i>Hamline</i>
SHEDD, HARRY L.,	<i>Osakis</i>
SHRODE, D. L.,	<i>Kimball</i>
SMITH, MABLE J.,	<i>Olivia</i>
SPENCER, ALLAN T.,	<i>Sunnyside, Montana</i>
SPOONER, CARRIE A.,	<i>Mondamin, Iowa</i>
SPOONER, GRACE,	<i>Mondamin, Iowa</i>
SQUIRE, F. H.,	<i>Hanley Falls</i>
SWINNERTON, THOMAS N.,	<i>Eden Prairie</i>
WALLACE, GEORGE W.,	<i>Evelith</i>
WATERHOUSE, CHARLES.	<i>Hamline</i>
WELLS, FLORENCE,	<i>Hamline</i>

**Third Preparatory.**

ALLIN, FRED W.,  
BALL, WM. H.,  
BENSON, LOIS,  
DELINE, LESTER E.,  
DRILL, FRANKLIN,  
GILLETTE, ALMA E.,  
HANSEN, OLIVER C.,  
HEAL, PEARL,  
IDE, HERBERT P.,  
JOHNSTON, WILL W.,  
KOEHN, CHAS. C. T.,  
MARTIN, J. ROYAL,  
PUFFER, FLORENCE,  
SMITH, C. MONROE A.,

*Hamline*  
*Morgan*  
*Heron Lake*  
*Armstrong, Iowa*  
*Browerville*  
*Hamline*  
*Hamline*  
*Hamline*  
*Hamline*  
*Byron*  
*Red Wing*  
*Hamline*  
*Bird Island*  
*Hamline*

**Preparatory Special.**

BACON, HERBERT,	<i>Hamline</i>
CLARE, MABEL,	<i>Hamline</i>
COGHLAN, LULU,	<i>Wood Lake</i>
LYSANDER, JOSEPH A.,	<i>Hamline</i>
GLASIER, MABLE C.,	<i>St. Paul</i>
HAYNES, RALPH,	<i>Rochester</i>
HEATH, BYRON,	<i>Medford</i>
HUGHES, ROBT. H.,	<i>Minneapolis</i>
KAHL, JOSEPH A.,	<i>Radcliffe, Iowa</i>
PETERSON, ARTHUR T.,	<i>Olivia</i>
PRATT, GEORGE C.,	<i>Minneapolis</i>

## Courses of Instruction.

---

### Preparatory Department.

---

#### FIRST YEAR.

##### FIRST TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.—Allen and Greenough.

HIGHER ENGLISH.

##### SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.

HIGHER ENGLISH.

##### THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.

HIGHER ENGLISH.

#### SECOND YEAR.

##### FIRST TERM.

GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.—Goodwin, Moss.

*Latin Scientific*.—GENERAL HISTORY.—4.

##### SECOND TERM.

GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.—4.

##### THIRD TERM.

GEOMETRY.

LATIN.—Cicero.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.—4.

## THIRD YEAR.

## FIRST TERM.

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero.

*Classical*.—GREEK, Anabasis.*Latin Scientific*.—ELEMENTARY PHYSICS.—Carhart.

## SECOND TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

*Classical*.—GREEK. Anabasis.*Latin Scientific*.—ELEMENTARY PHYSICS.

## THIRD TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—VIRGIL.

*Classical*.—GREEK, Iliad.*Latin Scientific*.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

## Department of Elocution.

---

The Department of Elocution offers two complete courses of study, and grants a certificate for the completion of either.

### A. THE ADVANCED COURSE.

It is intended that the student shall carry this course contemporaneously with his course in the Department of Liberal Arts. The subjects required in addition to those in the college curriculum are as follows.

English Phonation; one term.

Voice Building; two terms.

Pantomime; one term.

Physical Culture; three terms.

Philosophy of Expression; three terms.

Interpretation; seven terms; each one period per week.

### B. ELEMENTARY COURSE.

In addition to the work in English in the college curriculum this course requires the same studies as in the Advanced Course, but in a more elementary form and two periods per week.

Two years are required to complete this course.

**List of Elocution Students.**

ANDERSON, LYDIA M.,	<i>Milan</i>
BABCOCK, GEO. P.,	<i>Hamline</i>
BLITZ, HELEN,	<i>Minneapolis</i>
COOK, SILAS A.,	<i>Blue Earth City</i>
CURRY, ANNA M.,	<i>Farmington</i>
DELINE, LESTER E.,	<i>Armstrong, Iowa</i>
EVANS, JESSIE H.,	<i>Hamline</i>
FARRELL, JULIA E.,	<i>St. Paul</i>
FIELD, FLORENCE,	<i>Beardsley</i>
HAZZARD, OCIE M.,	<i>Hamline</i>
HUMPHREY, DAISY,	<i>Minneapolis</i>
LARSON, MRS. ADA,	<i>Champlin</i>
MCCANN, C. A.,	<i>Merriam Park</i>
MCLEAN, HUGH,	<i>Mound</i>
MERRITT, JAS. C.,	<i>Duluth</i>
MERRITT, LEWIS H.,	<i>Duluth</i>
MERRITT, LUCIEN,	<i>Duluth</i>
MARSTON, M. A.,	<i>New Brighton</i>
PACKARD, FRANK E.,	<i>Wadena</i>
PRIBBLE, EDITH M. E.,	<i>Anoka</i>
RICH, DEBORAH L.,	<i>Hamline</i>
RICHARDSON, A. L.,	<i>Duluth</i>
RICHARDSON, ELMER,	<i>Drayton, N. D.</i>
SATTERLEE, C. A.,	<i>St. Paul</i>
WALLACE, MABEL,	<i>Hamline</i>
WATSON, GEORGE P.,	<i>Hamline</i>
WEBB, LOUELLA,	<i>Hamline</i>
YOUNG WM. W.,	<i>Minneapolis</i>



## Department of Music.

---

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course in music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

### List of Music Students.

ANDERSON, ALMA,	<i>Milan</i>
BENSON, LOIS,	<i>Heron Lake</i>
BORT, EDNA,	<i>Cannon Falls</i>
COTTON, ANNA L.,	<i>Nashua, Iowa</i>
EATON, ELEANOR,	<i>Merriam Park</i>
FLINT, FERNA,	<i>Hamline</i>
GOULD, CLARA,	<i>Denniston</i>
KINGSTON, MERTON S.,	<i>Tower</i>
LAWRASON, MRS. R. O.,	<i>Hamline</i>
MARSH, LOIS,	<i>Britton, S. D.</i>
PUFFER, FLORENCE,	<i>Bird Island</i>
QUICK, KATIE N.,	<i>Ely</i>
ROSSMAN, FLOY A.,	<i>Hamline</i>
STEBBINS, ANSTIS C.,	<i>Kenyon</i>
WALLACE, GEO. W.,	<i>Evelith</i>

## **General Information.**

---

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Interurban Electric Railway, and from St. Paul by the Hamline Line.

### **LIBRARY.**

The Library located in University Hall, is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 2:35 P. M. until 5:00 P. M. It is free to all students, and they are aided in consulting it by the Librarian and other members of the Faculty. The Library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society, are in easy reach and freely accessible to all students.

### **DEPARTMENT OF PHYSICAL CULTURE.**

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. Hereafter work in this department, at least two hours per week will be required. A fee of one dollar per term will be collected of all students. The gymnasium, in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Physical examinations are held in the Fall term. Classes are formed and exercises are prescribed based upon such an examination. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-around development rather than

the training for special feats of skill or strength. Hand ball and basket ball tournaments are held during the Winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in base ball, foot ball, track and field sports and skating. A rink for the latter purpose, 300 x 100 feet, is flooded on the campus. The Athletic Association maintains a foot ball, a base ball and a track and field team, and annually contests for honors with the other colleges of the state.

### LADIES' HALL.

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher; all other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

### BOARDING HALL AND BOARD IN PRIVATE FAMILIES.

The Dining Hall is in the basement of Ladies' Hall. Young ladies from a distance will be required to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President, obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces), . . . .	\$2.75
Gentlemen, per week, . . . . .	2.75
Washing and ironing, per dozen, . . . . .	.50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.

The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.

### NECESSARY EXPENSES.

Tuition, per term, College Classes, . . . . .	\$10.00
Tuition, per term, Preparatory Classes, . . . . .	8.00
Incidentals, per term, all classes, . . . . .	2.00
Chemical Laboratory fee, per term, . . . . .	2.00
Biological Laboratory fee, per term, . . . . .	1.50
Apparatus broken by the student will be charged to his account.	
Physical Culture, per term, . . . . .	1.00
Elocution, per lesson, . . . . .	1.00
Intruccion piano or vocal, payable by the term, per lesson of one-half hour, . . . . .	1.00
Vocal Music, per term, in classes, . . . . .	2.00
Use of piano, one hour daily, per term, . . . . .	2.50
Instruction in Art, payable by the term, per lesson, . . .	1.00
Text-books, per year, . . . . .	\$10.00 to 15.00

### ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals, . . . . .	\$30.00	\$36.00
Room rent, fuel and light, . . . . .	36.00	36.00
Board, thirty-six weeks, . . . . .	90.00	90.00
Washing and ironing, 12 pieces per week, .	18.00	18.00
Books and stationery, about, . . . . .	12.00	12.00
Minimum, . . . . .	\$186.00	\$192.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and drawing, being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced:

Tuition, incidentals, music and art lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

### LITERARY SOCIETIES.

There are six Literary Societies in connection with the College of Liberal Arts. The Philomathean and Amphictyon are for college men; Browning and Athenæan for ladies; the Zarephathian for young men and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

### RELIGIOUS SERVICES.

Students are required to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.

---

---

### THE DIVINITY SCHOOL.

#### NOTE.

The Trustees fully expected to have opened a School of Theology the past year, but owing to the financial condition they have as yet been unable to do so. They still expect, however, to establish such a school as soon as the funds at their disposal will guarantee such an enlargement of the work of the University.

# College of Medicine.

(Minneapolis College of Physicians and Surgeons.)

## Board of Trustees.

GEO. H. BRIDGMAN, D. D., *Ex-officio*.

G. C. BARTON, M. D.,	-	-	-	-	Term expires 1899
W. H. HALLOWELL, M. D.,	-	-	-	-	Term expires 1899
J. T. MOORE, M. D.,	-	-	-	-	Term expires 1900
J. D. SIMPSON, M. D.,	-	-	-	-	Term expires 1900
LEO M. CRAFTS, M. D.,	-	-	-	-	Term expires 1901
WILLIAM J. BYRNES, M. D.,	-	-	-	-	Term expires 1901

---

## Officers of the College.

GEO. H. BRIDGMAN, D. D.,	-	-	-	-	-	<i>President</i>
J. T. MOORE, M. D.,	-	-	-	-	-	<i>Vice-President</i>
LEO M. CRAFTS, M. D.,	-	-	-	-	-	<i>Dean</i>
W. J. BYRNES, M. D.,	-	-	-	-	-	<i>Treasurer</i>



## Faculty.

---

GEORGE H. BRIDGMAN, D. D., PRESIDENT,

LEO M. CRAFTS, B. L., M. D., DEAN,  
*Professor of Nervous Diseases.*

J. T. MOORE, M. D., C. M., M. C. P. S.,  
*Professor of Theory and Practice of Medicine.*

EDWIN PHILLIPS, M. D.,  
*Professor of Gynaecology.*

W. J. BYRNES, M. D.,  
*Professor of Surgical Anatomy and Clinical Gynaecology.*

COLUMBUS G. SLAGLE, M. D.,  
*Professor of Paediatrics.*

HERBERT E. CARY, B. A., M. D.,  
*Associate Professor of Gynaecology.*

J. W. MACDONALD, M. D., L. R. C. S. E.,  
*Professor of the Practice of Surgery and Clinical Surgery.*

WILLIAM H. HALLOWELL, M. D.,  
*Professor of Obstetrics.*

WILLIAM G. W. TUPPER, M. D.,  
*Professor of Therapeutics.*

HUGH N. McDONALD, M. D.,  
*Professor of Diseases of the Chest.*

C. K. BARTLETT, M. D.,  
*Professor of Psychological Medicine.*

GEORGE C. BARTON, M. D.,

*Professor of Physiology and Clinical Gynaecology.*

A. F. IRWIN, M. D., PH. D.,

*Professor of Pathology and Bacteriology.*

DAVID OWEN THOMAS, B. A., M. D., M. R. C. S.,

*Professor of Dermatology and Genito-Urinary Diseases.*

CHARLES J. SPRATT, M. D.,

*Professor of Ophthalmology and Otology.*

CHARLES W. WILLIAMS, M. D.,

*Professor of Materia Medica.*

J. D. SIMPSON, M. D.,

*Professor of Clinical Ophthalmology and Otology.*

KNUT HOEGH, M. D.,

*Professor of the Principles of Surgery and Clinical Surgery.*

CHARLES W. DREW, PH. B., M. D.,

*Professor of Chemistry and Toxicology.*

HERNY J. O'BRIEN, M. D.,

*Professor of Clinical Surgery.*

CHARLES E. SMITH, M. D.,

*Professor of Clinical Medicine.*

EDWARD BOECKMAN, M. D.,

*Professor of Clinical Ophthalmology.*

ANTON SHIMONEK, M. D.,

*Professor of Clinical Gynaecology.*

FRANCIS R. WOODARD,

*Professor of Physical Diagnosis and Clinical Medicine.*

OTHER INSTRUCTORS.

---

JAMES W. DUDLEY, A. M., M. D.,  
*Clinical Professor of Obstetrics.*

P. M. HOLL, M. D.,  
*Clinical Professor of Paediatrics.*

C. M. FERRO, M. D.,  
*Lecturer on Rectal and Venereal Diseases.*

C. A. MCCOLLOM, M. D.,  
*Lecturer on Preventive and Legal Medicine and Medical Insurance*

M. C. JOHNSTON, M. D.,  
*Assistant Professor of Histology and Practical Pathology.*

ARNOLD SCHWYZER, M. D.,  
*Clinical Professor of Pathology.*

GUSTAV E. RENZ, M. D.,  
*Clinical Professor of Genito-Urinary Diseases.*

JOSEPH W. BETTINGEN, M. D.,  
*Clinical Professor of Diseases of the Throat, Nose and Ear.*

CHARLES J. MEADE, M. D.,  
*Associate Professor of Clinical Medicine.*

J. H. STEWART, M. D.,  
*Associate Professor of Clinical Ophthalmology.*

WILLIAM GLENN, M. D.,  
*Associate Professor of Physical Diagnosis and Clinical Medicine.*

CHARLES F. DENNY, M. D.,  
*Instructor in Clinical Medicine.*

J. FRANK CORBETT, B. S., M. D.,  
*Assistant Professor of Bacteriology and Curator of the Museums.*

S. E. HOWARD, M. D.,  
*Assistant Professor of Anatomy.*

CARL J. LIND, M. D.,  
*Instructor in Embryology and Histology.*

NORMAN DREISBACH, M. D.,  
*Demonstrator of Anatomy and Instructor in Clinical Medicine.*

WILLIAM B. MURPHY, M. D.,  
*Assistant Demonstrator of Anatomy.*

EDGAR M. DUNN, A. B.,  
*Instructor in General Chemistry.*

FREDERICK LEAVITT, M. D.  
*Instructor in Clinical Obstetrics.*

## Calendar.

1898.

- Oct. 3—Monday. Entrance Examinations. 9 A. M.  
Oct. 3—Monday. Examination for conditional students. 1 P. M.  
Oct. 3—Monday. Open Lecture. 8 P. M.  
Oct. 4—Tuesday. College year begins; registration. 9 A. M.  
Nov. 24—Thursday. Thanksgiving Day; a holiday.  
Dec. 1—Thursday. Term tickets required for admission to lectures.

*Christmas Vacation, from Dec. 17, 1898, to Jan. 2, 1899.*

1899.

- Jan. 6—Friday. Second Examination for conditional students. 1 P. M.  
Feb. 22—Wednesday. Washington's Birthday; a holiday.  
May 15—Monday. Final Examinations begin.  
May 30—Tuesday. Memorial Day; a holiday.  
June 8—Thursday. Commencement.

## Announcement.

---

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its sixteenth annual course of lectures on October 3, 1898, at 8:00 P. M., at which time the introductory address will be given by Prof. H. J. O'Brien, in the college amphitheatre.

### HISTORY.

This college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, by Edwin Phillips, M. D., J. T. Moore, M. D., and others, for the purpose of elevating the standard of medical education throughout the northwest. For many years it had an uphill fight, and struggled against bitter opposition, but always maintained its high standard for graduation. In 1893 the tide turned. It received strong additions to its faculty, and immediately increased the number of its students more than four-fold, which placed it at once on a firm financial basis.

In 1895 it was made the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

In the same year the course of study was lengthened to four years, beginning with the class entering for that session.

In 1896 the length of session was increased from six to eight months and notice was published that on and after the year 1900, a first grade high school diploma, or its equivalent, would be required for entrance, being the first school in the northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

A member of the American Association of Medical Colleges, the certificates and degrees granted by this institution are recognized by all medical colleges in the United States.

## HOSPITALS.

The clinical facilities of this college are the best that can be obtained in the twin cities. The building being situated in the immediate vicinity of the three chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of all the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist Hospital, St. Barnabas and St. Mary's Hospitals, in Minneapolis; and the City and County Hospital, St. Joseph's, St. Luke's and Bethesda Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

## REQUIREMENTS FOR ADMISSION TO MEDICAL COLLEGES IN MINNESOTA.

### Entrance Examinations.

In accordance with an agreement between Hamline University and the University of Minnesota the requirements for admission to their Medical Departments, which represent all the medical schools of the state, will hereafter be uniform.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carlton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

Candidates who do not possess such qualifications will be required to pass an entrance examination which will be conducted by an examining board consisting of three members of the faculty of the college of Science, Literature and the Arts, appointed by the President of Hamline University. This examination will be of progressive quality in the three succeeding years.

In 1898 the requirements for admission will be:

1. An English Composition, of not less than two hundred words, upon a subject to be announced at the time of examination.
2. Elementary Algebra.
3. Physics.
4. Latin,—grammar and easy prose.
5. United States History.
6. Physiology.

In 1899 the requirements for admission will include Plane Geometry and three books of Cæsar in addition to the requirements of 1898.

In 1900 the requirement will be the same as the requirements for admission to the freshman class of the college of Science, Literature and the Arts at the present time.

### ADMISSION TO ADVANCED STANDING.

Graduates of recognized universities and colleges, where the prescribed course in chemistry, histology, etc., is equal to the work required in the first year of the graded course, may apply for admission to the second year class. The professors of histology, physiology and chemistry will pass upon the evidence presented by the student and have the power to require an examination if the certificates are not satisfactory.

Graduates from recognized colleges of dentistry, pharmacy and veterinary medicine, will be accorded credit for one year under the same conditions.

Students from other medical schools who apply for advanced standing must either pass examinations in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examinations, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

**REGISTRATION.**

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the first day of December in each year. Fees are payable to the Dean, and must be paid at the time of registration.

*Tickets of registration will be necessary for admission to all lectures after December 1st.*



## **Division of Subjects.**

---

The course of instruction in this college consists of a four years graded series of lectures, recitations, clinics and laboratory exercises, each session is of eight and a third months duration, and the subjects are arranged as follows.

### **FIRST YEAR.**

Histology and Embryology.  
Anatomy.  
Physiology.  
Chemistry.  
Materia Medica.

### **SECOND YEAR.**

Anatomy.  
Medical Chemistry and Toxicology.  
Physiology.  
Materia Medica.  
Pathology.  
Apparatus and Bandaging.

### **THIRD YEAR.**

Therapeutics.  
Surgical Anatomy.  
Pathology.  
Bacteriology.  
Paediatrics.  
Dermatology and Genito-Urinary Diseases.  
Rectal and Venereal Diseases.  
Obstetrics.  
Gynaecology.  
Theory and Practice of Medicine.  
Principles and Practice of Surgery.  
Physical Diagnosis and Clinical Medicine.

**FOURTH YEAR.**

Theory and Practice of Medicine.  
Principles and Practice of Surgery.  
Physical Diagnosis and Clinical Medicine.  
Operative and Clinical Surgery.  
Obstetrics.  
Gynaecology.  
Preventive and Legal Medicine and Medical Insurance.  
Neurology.  
Psychological Medicine.  
Ophthalmology and Otology.  
Laryngology.  
Orthopaedic Surgery.

*No conditional student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the faculty.*

## Tabular View

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
<i>Histology and Embryology.</i> <i>Histology Laboratory.</i> <i>General Chemistry.</i> <i>General Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Materia Medica.</i>	<i>Medical Chemistry and Toxicology.</i> <i>Medical Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>*Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology.</i> <i>Pathology Laboratory.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Paediatrics.</i> <i>Dermatology.</i> <i>Gentilo-Urinary Diseases.</i> <i>Rectal and Venereal Diseases.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Theory and Practice of Med.</i> <i>Prin. and Practice of Surgery.</i> <i>Physical Diagnosis and Clinical Medicine.</i>	<i>Theory and Practice of Medicine.</i> <i>Principles and Practice of Surgery</i> <i>Physical Diagnosis and Clinical Medicine.</i> <i>Operative and Clinical Surgery.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Preventive and Legal Medicine.</i> <i>Medical Insurance.</i> <i>Neurology.</i> <i>*Psychological Medicine.</i> <i>Ophthalmology and Otolaryngology.</i> <i>Orthopaedic Surgery.</i>

NOTE—Final examinations in all subjects in *Italics*. Attendance and Quizzes required in all other subjects.

\*Half session subjects.

## Course and Methods of Instruction.

---

### Anatomy.

The course in anatomy will consist of didactic lectures and practical exercises; with dissection, under the direction of the demonstrator. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available will be required to do all parts twice. The work in this branch covers two years instruction. Plates, diagrams, models and frozen sections are used freely in illustration.

*First Year.*—Three times a week throughout the session. Assistant Professor Howard. Dissections daily from October to April, including full demonstration. Assistant Professor Howard, Drs. Dreisbach and Murphy.

*Second Year.*—Twice a week throughout the session. Assistant Professor Howard. Dissection and demonstrations, Drs. Dreisbach and Murphy. Recitations are held weekly in both years covering fully all lectures.

*Third Year.*—Surgical anatomy once a week during last half of session, with continual demonstration on the subject. Prof. Byrnes.

### Histology and Embryology.

Work in this subject includes lectures, laboratory exercises and recitations. Full time is given to laboratory technique to thoroughly familiarize the student with the microscope and laboratory methods. The earlier part of the session is given to vertebrate embryology. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for those whose means will not afford purchasing.

*First Year.*—Lectures or recitations twice a week throughout the session. Laboratory work two hours three times a week. Recitations each week. Dr. Lind and Mr. Chadbourne.

## Physiology.

This branch is taught by means of didactic lectures, recitations and frequent demonstrations on the lower animals, illustrating digestion, absorption, secretion, the blood and its circulation and the nervous system. The student thus studies the body practically and demonstrates all vital phenomena.

*First Year.*—Four lectures a week, including recitations on all work covered. Prof. Barton.

*Second Year.*—Four lectures a week, work in the laboratory in experimental physiology and physiological chemistry in sections each week and recitations. Prof. Barton.

## Chemistry.

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

*First Year.*—Three lectures a week continuing through the session, laboratory work two hours twice a week and recitations each week. Mr. Dunn.

*Second Year.*—Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Drew. Laboratory work three hours once a week throughout the session, including clinical chemistry.

## Materia Médica.

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs. An unusual amount of time is given to the study of this subject.

*First and Second Years.*—Two lectures a week through the year. Prof. Williams.

## Pathology.

This subject is taught by lectures, recitations, frequent written quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens, before the class. The study in this subject is very complete, covering the processes of disease and the general and special causes of

morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

*Second Year.*—Two lectures a week during the session. Asst. Prof. Johnston. Recitations or quizzes each week.

*Third Year.*—Two lectures a week through the year, Asst. Prof. Johnston. Clinical pathology once a week, Clin. Prof. Schwyzer, Asst. Prof. Corbett. Laboratory work two hours twice a week in sections. Asst. Prof. Johnston.

## Bacteriology.

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail of laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

*Third Year.*—Two lectures a week throughout the year; recitations each week. Prof. Irwin, Asst. Prof. Corbett. Practical laboratory exercises two hours once a week. Asst. Prof. Corbett.

## Therapeutics.

The work in this subject following the two years continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch together with lectures and demonstrations clinically under this and other chairs.

*Third Year.*—Two exercises a week through the year. Prof. Tupper.

## Theory and Practice of Medicine.

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This course extends through two years, final examination not being permitted till the end of the fourth year.

*Third Year.*—Two lectures a week through the session.

*Fourth Year.*—Two lectures a week through the session, with recitations each week on all ground covered. Prof. Moore.

## Diseases of the Chest.

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

*Third and Fourth Years.*—One lecture a week throughout the session. Prof. McDonald.

## Physical Diagnosis and Clinical Medicine.

The work in this department is commensurate with its importance and is thoroughly systematized. It consists in didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work is done in small sections, drilling the students in the observation and recognition of abnormal physical signs.

*Third Year.*—Lecture once a week through the season. Prof. Smith. General clinics twice a week in the hospital amphitheatres of the twin cities. Prof. Smith, Associate Profs. Glenn and Meade.

*Fourth Year.*—Lecture once a week through the year. Prof. Smith. General and section clinics twice a week. A great part of the work being in small sections with the personal attention of the instructor. Prof. Smith, Associate Profs. Glenn and Meade, Drs. Denny and Dreisbach.

## Dermatology.

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

*Third Year.*—Once a week during first half of session. Prof. Thomas.

## Genito-Urinary Diseases.

Lectures on the diseases of the sexual and urinary apparatus together with ample clinical study at the hospitals and dispensaries.



*Third Year.*—One lecture and clinic a week during the second half of the session. Prof. Thomas. Section clinics once a week through the session. Clinical Prof. Renz.

## Neurology.

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens, models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro-therapeutics.

*Fourth Year.*—One lecture and one clinic a week for the entire session. Prof. Crafts.

## Psychological Medicine.

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

*Fourth Year.*—One lecture a week during first half of session. Prof. Bartlett.

## Surgery.

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

*Third and Fourth Years.*—Practice of Surgery, two lectures a week. Prof. Macdonald. Principles of surgery, one lecture a week. Prof. Hoegh.

## Clinical Surgery.

A two hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Profs. Macdonald and Hoegh and Clin. Prof. O'Brien. Operative surgery one exercise a week during second half year, including orthopædics.

*Second Year.*—Instruction in apparatus and bandaging throughout the year.



## Ophthalmology and Otology.

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of diseases of these organs.

*Fourth Year.*—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, once a week. Prof. Spratt, Clin. Prof. Simpson. Clinic, two hours once a week. Prof. Boeckman and Associate Prof. Stewart.

## Diseases of the Nose and Throat.

Instruction in this subject consists of lectures and demonstration in the clinic including practical training in the use of instrument, the class being divided into small sections as in other special clinics.

*Fourth Year.*—Didactic and clinical lectures throughout the session. Clin. Prof. Bettingen. Clinics, in sections, each week at dispensaries and hospitals. Clin. Prof. Bettingen.

## Obstetrics.

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

*Third and Fourth Years.*—Three lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Clinical Professor Dudley and Dr. Leavitt.

## Gynaecology.

The teaching in this subject for both third and fourth year classes combines didactic lectures, recitations and demonstrations, with clinical observation both in minor and operative gynaecology in sections at the dispensary of the college and the hospitals.

*Third and Fourth Years.*—Lectures twice a week. Prof. Phillips.

Clinics, fourth year, in sections twice a week. Clinical Professors Barton and Byrnes. Third and fourth year, once a week general clinic. Clinical Professor Shimonek.

## Rectal and Venereal Diseases.

The course in those subjects embraces lectures and clinics on the diseases of the lower bowel and the methods of their relief, and also the consideration of the various venereal diseases, their recognition, control and treatment.

*Third Year.*—One lecture or clinic a week during the year. Dr. Ferro.

## Preventive and Legal Medicine and Medical Insurance.

These combined subjects are grouped in a complete and sequent course falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, also the relations that medical science bears to legal questions, and finally the essentials of correct insurance examination.

*Fourth Year.*—One lecture a week Preventive Medicine, October, November, December. Legal Medicine, January February. Medical Insurance, April, May. Dr. McCollom.

## Paediatrics.

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

*Third Year.*—One lecture a week throughout the year. Prof. Slagle. Clinics, each week in sections, in both cities. Clin. Prof. Holl, Dr. Denny.

## Order of Instruction.

## FIRST YEAR.

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physiology.	Physiology.	Physiology.	Physiology.		
10-11	Anatomy.		Anatomy.		Anatomy.	
11-12		Materia Medica.		Materia Medica.		
2-3	Histology. Laboratory.	Histology.	Histology.	Histology.	Histology. Laboratory.	
3-4		Chemistry. Laboratory.	Laboratory.	Chemistry. Laboratory.		
4-5	Chemistry.		Chemistry.		Chemistry.	

## SECOND YEAR.

HOOR	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Physiology.	Physiology.	Physiology.	Physiology.	8:30 Pathological Laboratory.	Medical Chemistry Laboratory.
10-11	Apparatus and Bandaging.	Anatomy.	Apparatus and Bandaging.	Anatomy.	Apparatus and Bandaging.	
11-12		Materia Medica.		Materia Medica.		
2-3						Pathological Laboratory
3-4	Practical Anatomy.		Practical Anatomy.	Pathological Laboratory.	Practical Anatomy.	
4-5		Medical Chemistry.		Medical Chemistry.		
5-6		Pathology.		Pathology.		

## THIRD YEAR.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Surgical Clinic.	Practice of Surgery.	Medical, Surgical and Special Clinics at St. Paul.	Theory and Practice of Medicine.	Practice of Surgery.	Theory and Practice of Medicine.
10-11		Clinical Physical Diagnosis, Sections.		Physical Diag. and Clinical Medicine.	Diseases of Children.	Principles of Surgery.
11-12	Gynaecology Clinic, Sections.	Diseases of Children Clinic.		Gynaecology.	Diseases of the Chest.	Gynaecology.
1-2	Medical Clinic.	Bacteriology Laboratory		Laboratory.	Rectal and Venereal Diseases.	Surgical Anatomy.
2-3						
3-4	Nose and Throat Clinic.	Pathology.		Obstetrics.	Obstetrics.	Obstetrics.
4-5	Dermatology Clinic.			Therapeutics?		Dermatology and Genito-Urinary Diseases.
5-6			Pathology.	Bacteriology?	Therapeutics.	

## FOURTH YEAR.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Surgical Clinic.	Practice of Surgery.		Theory and Practice of Medicine.	Practice of Surgery.	Theory and Practice of Medicine.
10-11		Clinical Physical Diagnosis, Sections.		Physical Diag. and Clinical Medicine.	Clinical Physical Diagnosis, Sections	Principles of Surgery.
11-12	Gynecology Clinic, Sections.	Diseases of Children Clinic.	Medical, Surgical and Special Clinics at St. Paul.	Gynecology.	Diseases of the Chest.	Gynecology.
1-2	Medical Clinic.	Gynecology Clinic, Sections.		Nervous Diseases Clinic.	Eye and Ear Clinic.	Eye and Ear Clinic.
2-3				Operative Surgery.	Psychological Medicine.	Preventive and Legal Med. and Med. Ins.
3-4	Nose and Throat Clinic.	Obstetrics.		Obstetrics.		Obstetrics.
4-5	Dermatology Clinic.	Nervous Diseases.				
5-6						

**TEXT-BOOKS.**

The following text-books and books of reference are recommended by the various departments:

ANATOMY—Quain, Morris and Gray.

HISTOLOGY—Klein, Minot.

PATHOLOGY—Delafield and Prudden, Ziegler.

CHEMISTRY—Fownes, Simons.

PHYSIOLOGY—Foster, American Text-Book of Physiology.

MATERIA MEDICA—White, Butler.

THERAPEUTICS—Hare.

THEORY AND PRACTICE OF MEDICINE—Wood and Fitz, Tyson.

PRINCIPLES AND PRACTICE OF SURGERY—Park, American Text-Book of Surgery; Macdonald's Surgical Diagnosis and Treatment.

OBSTETRICS—Playfair, Parvin, American Text-Book of Obstetrics, Grandin and Garman.

GYNÆCOLOGY—Thomas and Munde, Byford, Allbutt, Playfair.

PAEDIATRICS—Smith, J. L., Holt, Starr, Rotch.

PHYSICAL DIAGNOSIS—Tyson, Loomis.

CLINICAL MEDICINE—Simons' Clinical Diagnosis, Musser, Da Costa, Osler.

NERVOUS DISEASES—Strumpell, Mills, Hirt, Dercum.

DERMATOLOGY—Crocker, Kaposi, Morrow.

PREVENTIVE MEDICINE—To be announced.

MEDICAL JURISPRUDENCE—To be announced.

BACTERIOLOGY—Fraenkel, Abbott.

GENITO-URINARY DISEASES—Keyes, Harrison, Morrow.

OPHTHALMOLOGY—Fricke, Noyes.

OTOLOGY—Field, Politzer.

**EXAMINATIONS.**

The final examination in every subject is held at the close of the school year. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly held at the end of each term. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued, showing the results of the examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 80 per cent of the lectures.

The reports of examinations will be mailed to the students at the college or at such other addresses as they may direct, at the earliest possible moment after the examinations are completed, and they must not call on the examiners or the Dean for reports.

### **RERUIREMENTS FOR GRADUATION.**

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D., C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least six months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

### **FEES AND EXPENSES.**

Students of this college will be uniformly charged as follows:

Matriculation fee, payable first year of attendance only . . \$5.00

General ticket, payable each year of attendance, (including all charges for lectures, clinics, dissection, materials used, examinations, diplomas, etc.) . . . . . 65.00

Students who have attended three full courses of instruction in this college will be required to pay for their fourth course . . . . . 35.00

Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of . . . . . 50.00

Use of school microscopes, per term . . . . . 3.00

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.



*Fees are paid invariably in advance.*

*The college reserves the right to change the fees at any time through publication in its annual announcement.*

*Should the new building be completed in time for this session, the fees will be increased \$10.00 or \$15.00 a session including this session.*

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

### BOARD AND LODGING.

The expenses of living in Minneapolis is less than in other large cities. During the past year most students have been able to reduce their board and room-rent to less than \$20.00 a month, and this sum may be looked upon as adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

LEO M. CRAFTS, M. D., DEAN,  
606 Masonic Temple,  
Minneapolis, Minn.

## Students.

---

### FIRST YEAR.

ALLEN, FRED M.,	<i>Maine</i>
BAKER, ALBERT C., B. A.,	<i>N. Dakota</i>
BURTON, PAUL HENRY,	<i>Minnesota</i>
CARLSON, SWAN ALEXANDER,	<i>Minnesota</i>
CARPENTER, GRANT HEPTEN,	<i>Minnesota</i>
COUPLAN, BARNEY,	<i>Minnesota</i>
EAGON, ALONZO,	<i>Minnesota</i>
ESSEN, WALTER,	<i>Minnesota</i>
GREIE, JOSEPH CHRISTIAN,	<i>Minnesota</i>
GOLDBERG, MARTIN LUTHER,	<i>Minnesota</i>
GROENFELDT, JOHN FERDINAND,	<i>Wisconsin</i>
GRONVOLD, FREDERICK ORNING,	<i>Minnesota</i>
HARMON, EDWIN,	<i>S. Dakota</i>
KERSHAW, ALBERT LAFAYETTE,	<i>Minnesota</i>
KRON, LOUIS O.,	<i>Minnesota</i>
LUTHER, C. M.,	<i>Minnesota</i>
MCNALLY, THOMAS JOSEPH,	<i>Wisconsin</i>
*MCLAREN, JOHN WALKER,	<i>S. Dakota</i>
MELBY, OSCAR FREDERICK,	<i>Minnesota</i>
MOORE, GEORGE B.,	<i>Minnesota</i>
MORSE, T. B.,	<i>Minnesota</i>
MURPHY, GUY,	<i>Minnesota</i>
MUNN, PETER HERMAN,	<i>Minnesota</i>
OFTEDAL, ARNE,	<i>N. Dakota</i>
RAY, ROBERT HUGH, B. A.,	<i>Minnesota</i>
SMITH, AL. BILEY,	<i>Minnesota</i>
SPEAR, EDGAR DANIEL,	<i>Minnesota</i>
STINGEON, FRANK H.,	<i>N. Dakota</i>
SWENSON, AXEL W.,	<i>Minnesota</i>
TALLACKSON, JACOB T.,	<i>Iowa</i>
THEISSEN, WILLIAM NICHOLAS,	<i>Minnesota</i>
VON WEDELSTAEDT, BISMARCK,	<i>Minnesota</i>

## SECOND YEAR.

BROWN, EDWARD ISAAC,	<i>Minnesota</i>
CHADBOURNE, ALFRED GRANVILLE,	<i>Minnesota</i>
DUTTON, ADELAIDE KIRSHENER, B. A.,	<i>New York</i>
FONGER, JAMES HOPPIR,	<i>S. Dakota</i>
FOX, JOHN MCMURDY,	<i>Minnesota</i>
GREGOIRE, JOSEPH A.,	<i>Wisconsin</i>
HOBART, JAMES P.,	<i>Minnesota</i>
HOUSTON, HUGH EVERETT,	<i>Minnesota</i>
HYDE, WILFRED LLOYD,	<i>Minnesota</i>
JOHNSON, C. A. BENJAMIN,	<i>Minnesota</i>
KOHLER, GEO. ALBERT,	<i>Minnesota</i>
KREIDT, DANIEL G.,	<i>Minnesota</i>
MCKEON, OWEN,	<i>Minnesota</i>
MOODY, LOUIS, B. A.,	<i>Minnesota</i>
OBERG, EMIL,	<i>Minnesota</i>
O'CONNOR, JERRY PATRICK,	<i>Minnesota</i>
PALMER, RALPH GEORGE,	<i>Minnesota</i>
SCHEFCIK, J. FRANCIS,	<i>Minnesota</i>
SHELLAND, JOHN F.,	<i>Minnesota</i>
SHERPING, ERIC,	<i>N. Dakota</i>
SKOGEN, THOMAS TOLLEFSON,	<i>Minnesota</i>
VAN KIRK, FRANK JAY,	<i>Minnesota</i>
WALKER, STUART BRICK,	<i>Minnesota</i>

## THIRD YEAR.

BURLINGAME, ROBERT MORRISON,	<i>Minnesota</i>
CHANCE, JENNIE PERRY,	<i>Minnesota</i>
CROSBY, LEONARD GREEN,	<i>Minnesota</i>
DONOHUE, DANIEL JAMES,	<i>Wisconsin</i>
FOGERTY, CHARLES WILLIAM,	<i>Minnesota</i>
GILL, JOHN RICHARD,	<i>Minnesota</i>
HEIMARK, OLAI E.,	<i>Minnesota</i>
JAMES, ROBERT J.,	<i>Minnesota</i>
JONES, JAMES D.,	<i>S. Dakota</i>
KIRKHOFF, EDWARD HENRY,	<i>Minnesota</i>
LOBERG, ADOLPH,	<i>Minnesota</i>
MASON CHARLES H.,	<i>Wisconsin</i>
MILLER, FRED CHARLES,	<i>Minnesota</i>
MINTNER, JOHN M.,	<i>Minnesota</i>
OBERG, CARL M.,	<i>Minnesota</i>
PECK, ARTHUR ELLSWORTH, D. D. S.,	<i>Minnesota</i>

RASMUSSEN, FRED P.,	<i>Minnesota</i>
ROBERTS, EMMA J.,	<i>Minnesota</i>
ROBERTS, FLOYD JOHN,	<i>N. Dakota</i>
ROGERS, GEORGE M. F.,	<i>Minnesota</i>
SASSE, ERNEST GROSTAD,	<i>S. Dakota</i>
SCANLON, LEWIS DANIEL,	<i>N. Dakota</i>
WILLIS, ELLEN E. A.,	<i>Minnesota</i>

## FOURTH YEAR.

CARTER, JOSEPH ARRON, B. A.,	<i>Minnesota</i>
CLARK, EDWARD J.	<i>Minnesota</i>
COOPER, WILLIAM LAFAYETTE, B. S.,	<i>N. Dakota</i>
DORAN, JOHN EDMUND,	<i>Manitoba</i>
GLIM, NELS NELSON,	<i>Illinois</i>
HOLMES, ANDREW GUSTAVUS,	<i>Minnesota</i>
JOHNSON, LEWIS OLAF,	<i>Minnesota</i>
KJELLAND, JACOB SEVERN,	<i>Minnesota</i>
KJELLAND, THORSTEN N.,	<i>S. Dakota</i>
LYONS, ADAM,	<i>Minnesota</i>
MOORE, FRANCIS ALDEN,	<i>S. Dakota</i>
OBERG, OSCAR,	<i>Minnesota</i>
REV. WILLIAM DAVIDSON, M. D.,	<i>Iowa</i>

## SPECIALS.

ERICKSON, MAY,	<i>Minnesota</i>
HART, L. W.,	<i>Minnesota</i>
MATTSON, AUGUSTA,	<i>Minnesota</i>
PHILBRICK, A. M.,	<i>Minnesota</i>
ROBERTS, LUCIUS WARREN,	<i>Minnesota</i>
WILLIAMS, RALPH HOYT,	<i>Indiana</i>

## COURSE FOR GRADUATES.

REEVE, EDWARD A. T., M. D.,	<i>N. Dakota</i>
-----------------------------	------------------

## SUMMARY.

In Course for Graduates . . . . .	1
Fourth Year. . . . .	13
Third Year . . . . .	23
Second Year . . . . .	23
First Year . . . . .	32
Specials . . . . .	6
Total . . . . .	98

## Alumni.

---

ATHERTON, C. O., . . . . .	1891
BAIER, FLORENCE C., . . . . .	1897
BAKKE, OLE, . . . . .	1896
BLISS, GEORGE WILLIS, . . . . .	1895
BERGQUIST, CARL E., . . . . .	1897
BEVAN, CHARLES J., . . . . .	1897
BJORNEBY, PETER C., . . . . .	1897
BLOMBURGH, AXEL F., . . . . .	1897
BLAKESLEE, FRANK, . . . . .	1897
BONG, JOHN H., . . . . .	1897
BEMIS, CATHERINE A., . . . . .	1886
CHURCH, RICHARD J., . . . . .	1895
CLAU, ED. M., . . . . .	1893
CONYNGHAME, E. F., . . . . .	1886
CRESWELL, WILLIS W., . . . . .	1897
DAILY, MILTON, . . . . .	1895
DAVID, OSCAR F., . . . . .	1893
DEALEY, JULIA, . . . . .	1897
DOBSON, WILLIAM C., . . . . .	1896
DINAHAN, RICHARD M., . . . . .	1897
DUMAS, CALIXTE H. D., . . . . .	1896
DOUGLAS, ELMER E., . . . . .	1894
DYRNES, JOHN O., . . . . .	1897
EGAN, MICHAEL, . . . . .	1891
ESSEN, CARL A. C., . . . . .	1895
FARNESSE, C. W., . . . . .	1888
FARR, JOHN M., . . . . .	1897
FLATTEN, AMOS, . . . . .	1890
FLEMING, ALOYSIOUS S., . . . . .	1897
FOWLER, FRED H., . . . . .	1897
GENDRON, JULES, . . . . .	1896
GORDON, DAVID, . . . . .	1897
GYLLENBURG, JENNIE (Obstet), . . . . .	1890
HEFFLIN, H. NELSON, . . . . .	1895

HALVERSON, K. K., . . . . .	1889
HELGERSON, SIGRID, . . . . .	1894
HETLAND, C. L., . . . . .	1893
HOVORKA, WENCESLAUS, . . . . .	1897
HUBBARD, EDWARD E., . . . . .	1894
JACKSON, CAROLYNE E., . . . . .	1897
JAMESON, ADELINE P., . . . . .	1895
JERMAN, WILLIAM L., . . . . .	1897
KILBRIDE, THOMAS F., . . . . .	1894
KRONTZ, JOHN, . . . . .	1897
KOHLER, FRED G., . . . . .	1897
KOPPLEBERGER, HARRY W., . . . . .	1897
KNESEL, W. A., . . . . .	1897
LEWIS, ARTHUR J., . . . . .	1895
LIND, CARL J., . . . . .	1897
LOCKWOOD, LEBANON S. O., . . . . .	1894
LOWTHIAN, GEORGE H., . . . . .	1894
MALCHOW, CHARLES W., . . . . .	1894
MCCOHN, HANNAH, . . . . .	1890
MCKEON, PHILIP, . . . . .	1895
MCKEON, JAMES, . . . . .	1890
MULLER, ROCH P., . . . . .	1896
MULLER, HUGO, . . . . .	1893
MONOHAN, P. H., . . . . .	1886
MURPHY, WILLIAM B., . . . . .	1897
MURRAY, WILLIAM B., . . . . .	1890
O'BRIEN, H. JEFFERSON, . . . . .	1895
OLSON, JENNIE (Obstet.), . . . . .	1890
OWRE, ALFRED, . . . . .	1895
ROYCE, ROLAND, . . . . .	1885
RAINVILLE, SAMUEL, . . . . .	1897
RALEIGH, ROSWELL B., . . . . .	1894
REEVE, EDWARD A. T., . . . . .	1897
RENNICK, LOUIS B., . . . . .	1895
RIDGWAY, ALEXANDER, . . . . .	1894
RIDGWAY, JOSEPH, . . . . .	1894
REINHARDT, WALLACE A., . . . . .	1896
ROSENTHAL, SIGMOND, . . . . .	1896
RYAN, JENNIE, . . . . .	1893
SCANLON, WILLIAM, . . . . .	1896
SCHLEGEL, HENRY E., . . . . .	1897
SCOTT, ERNEST H., . . . . .	1888

SIMPSON, J. K., . . . . .	1884
SOUR, STEPHEN D., . . . . .	1896
SHULEAN, NELLIE, . . . . .	1893
TANNER, FRANCIS G., . . . . .	1895
TAYLOR, HENRY H., . . . . .	1895
TESSIER, W. O., . . . . .	1887
TREAT, VEEDER G., . . . . .	1894
TUKE, HENRY C., . . . . .	1896
VANDAMME, WILLIAM, . . . . .	1885
VELINE, OLAF J., . . . . .	1897
WARHAM, T. T., . . . . .	1897
WARNE, EDWIN G., . . . . .	1897
WATSON, CHARLES W., . . . . .	1897
WENDT, SAMUEL M., . . . . .	1897
WHETSTONE, RAY S., . . . . .	1897
WHITING, ARTHUR F., . . . . .	1895
WIIG, IVER C. J., . . . . .	1896
WILCOX, T. E., . . . . .	1897
WILLIAMS, THEODORE F., . . . . .	1890
WILLIAMS, LUTIE L. D., . . . . .	1897
WITHROU, MORRILL E., . . . . .	1897
YOUNG, EUGENE W., . . . . .	1896

**Alumni Association,**  
OF THE  
**MEDICAL DEPARTMENT.**  
(Minneapolis College of Physicians and Surgeons.)

---

ORGANIZED APRIL 11, 1894.

---

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.



## Summary of Students.

---

### College of Liberal Arts.

Post Graduate, . . . . .	11
Senior Class, . . . . .	28
Junior Class, . . . . .	27
Sophomore Class, . . . . .	28
Freshman Class, . . . . .	49
Special, . . . . .	44
	—176

---

### Preparatory Department.

Third Year, . . . . .	14
Second Year, . . . . .	25
First Year, . . . . .	60
Special, . . . . .	11
	—110
Department of Elocution, . . . . .	28
Department of Music, . . . . .	15
Department of Medicine, . . . . .	98
	—
Total, . . . . .	438
Counted Twice, . . . . .	28
	—
Total Enrollment, . . . . .	410

## INDEX.

Admission, . . . . .	16, 54
Advanced Standing, . . . . .	16, 55
Alumni Association, . . . . .	80
Board, . . . . .	44, 73
Calendar, . . . . .	2, 52
College of Liberal Arts, . . . . .	5
College of Medicine, . . . . .	47
College of Theology, . . . . .	46
Conference Visitors, . . . . .	4
Corporation, . . . . .	3
Courses of Instruction, . . . . .	14, 18, 30, 37, 60
Degrees, . . . . .	17, 72
Elocution, . . . . .	39
Examinations, . . . . .	16, 71
Executive Committee, . . . . .	4
Expenses, . . . . .	45, 72
Faculty, . . . . .	6, 49
General Information, . . . . .	43, 53
Ladies' Hall, . . . . .	44
Library, . . . . .	43
Location, . . . . .	43
Music, . . . . .	41
Museum, . . . . .	28
Officers of the Board, . . . . .	4
Preparatory Department, . . . . .	32
Physical Culture, . . . . .	43
Religious Services, . . . . .	46
Rooms, . . . . .	44
Societies, . . . . .	45
Students, . . . . .	8, 32, 74
Summary of Students, . . . . .	81
Trustees, . . . . .	3, 48





C  
H 181 H  
1898-99

dup 13 1810  
EEC

THE LIBRARY  
OF THE  
UNIVERSITY OF ILLINOIS

# Hamline University

1898-99



# Catalogue

OF

## Hamline University

College of Liberal Arts.

College of Medicine.

1898='99.

---

HAMLIN, MINN.

## Calendar.

---

1899—September 12, *Tuesday*, Fall Term begins.  
September 12, *Tuesday*, Entrance Examinations.  
December 14-15, *Thursday-Friday*, Term Examinations.

### VACATION OF TWO WEEKS.

1900—January 3, *Wednesday*, Winter Term begins.  
March 15-16, *Thursday-Friday*, Term Examinations.  
March 16, *Friday*, Winter Term ends.  
March 27, *Tuesday*, Spring Term begins.  
May, 21-22, *Monday-Tuesday*, Senior Examinations.  
June 3, *Sunday*, 10:30 A. M., Baccalaureate Sermon.  
June 4, *Monday*, Entrance Examinations.  
June 4-5, *Monday-Tuesday*, Term Examinations.  
June 5, *Tuesday*, 3 P. M., Address before the Historical Society.  
June 6, *Wednesday*, Alumni Day.  
June 6, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.  
June 6, *Wednesday*, 4 P. M., Class Day Exercises.  
June 7, *Thursday*, 2 P. M., Annual Commencement.



# Corporation.

---

## Trustees.

---

TERM EXPIRES 1899.

HON. H. R. BRILL, LL. D.,	ST. PAUL.
HON. J. T. WYMAN,	MINNEAPOLIS.
S. S. THORPE, Esq.,	MINNEAPOLIS.
PROF. E. F. MEARKLE, LL. B.,	HAMLIN.
COL. PERRY HARRISON,	MINNEAPOLIS.
HON. JAMES QUIRK,	MINNEAPOLIS.

TERM EXPIRES 1900.

REV. CYRUS BROOKS, D. D.,	ST. PAUL.
ALFRED J. DEAN, Esq.,	MINNEAPOLIS.
B. F. NELSON, Esq.,	MINNEAPOLIS.
REV. W. A. SHANNON,	MINNEAPOLIS.
HON. LEONIDAS MERRITT,	DULUTH.

TERM EXPIRES 1901.

REV. J. F. CHAFFEE, D. D.,	MINNEAPOLIS.
F. A. CHAMBERLAIN, Esq.,	MINNEAPOLIS.
REV. G. H. BRIDGMAN, D. D.,	HAMLIN.
HON. W. H. EUSTIS,	MINNEAPOLIS.
WATSON S. MOORE, Esq.,	DULUTH.

TERM EXPIRES 1902.

BISHOP ISAAC W. JOYCE, D. D.,	MINNEAPOLIS.
HON. M. G. NORTON,	WINONA.
REV. W. MCKINLEY, D. D.,	SPRING VALLEY.
REV. E. P. ROBERTSON, A. M.,	ROCHESTER.
WILLIAM MOSES Esq.,	ALEXANDRIA.
HON. W. A. SPERRY,	OWATONNA.

## Conference Visitors.

---

### MINNESOTA CONFERENCE.

[Who are also ex-officio Trustees.]

REV. F. B. COWGILL, D. D.,  
REV. S. F. KERFOOT, B. D.,  
REV. J. BLACKHURST, A. M.  
REV. L. L. HANSCOM, A. M.  
REV. G. H. WAY, A. M.  
REV. FRANK DORAN, A. M.  
REV. F. D. NEWHOUSE, A. M.

### NORTHERN MINNESOTA CONFERENCE.

REV. S. N. MCADOO, A. M.  
REV. C. F. SHARPE, A. M.  
REV. F. E. ROSS, A. M.  
REV. J. W. HEARD, A. M.  
REV. W. E. LOOMIS, A. M.

---

## Officers of the Board.

[Who are Executive Committee ex-officio.]

---

REV. J. F. CHAFFEE, D. D., *President*.  
HON. M. G. NORTON, *First Vice-President*.  
HON. J. T. WYMAN, *Second Vice-President*.  
REV. F. B. COWGILL, *Secretary*.  
PROF. E. F. MEARKLE, LL. B., *Treasurer*.



# College of Liberal Arts.



## Faculty.

---

REV. GEORGE H. BRIDGMAN, D. D., PRESIDENT,  
*Professor of Ethics and Christian Evidences.*

LOREN H. BATCHELDER, A. M., DEAN,  
*Carrie E. Widstrand, Professor of Chemistry and Physics.*

REV. GEORGE S. INNIS, PH. D.,  
*Professor of History.*

ERASTUS F. MEARKLE, LL. B.,  
*Rebecca M. Harrison, Professor of Mathematics.*

HENRY L. OSBORN, PH., D.,  
*Professor of Biology and Geology.*

WILLIAM E. THOMPSON, A. M.,  
*Professor of the Latin Language and Literature.*

ARTHUR Z. DREW, A. M.,  
*Associate Professor of Mathematics.*

A. VON W. LESLIE, A. M.,  
*Professor of Greek and English.*

ALTA M. BARKER, PH. B.,  
*Preceptress and Professor of English Literature.*

EDWIN TAUSCH, PH. D.,  
*Professor of German.*

EDWARD E. McDERMOTT, M. S.,  
*Elocution.*

MRS. HENRY L. OSBORN,

*Piano.*

WILLIAM H. CLARK,

*Vocal Music.*

JOHN A. VAN DYKE, A. M.,

*Lecturer on Pedagogics.*

JOHN W. HECKERT,

*Instructor in German and Assistant in Biology.*

A. C. STEUERNAGEL,

*Physical Director.*

LEWIS H. MERRITT,

LUCIEN MERRITT,

*Assistants in Chemical Laboratory.*

WINIFRED W. BLOOMFIELD,

*Assistant in Latin.*

ANNA M. DAVIS, A. M.,

*Librarian.*

ARTHUR Z. DREW, A. M.,

*Registrar.*

## Collegiate Department.

---

### STUDENTS.

---

#### Post Graduate.

CAHOON, GUYBERT A.,	History,	<i>Goodhue</i>
COOK, SILAS A.,	History,	<i>Boston, Mass.</i>
DAVIS, ANNA M.,	History,	<i>Hamline</i>
DUNN, ISAAC J.,	Political Economy,	<i>Detroit</i>
DYER, WILLIAM P.,	History,	<i>Slayton</i>
EDMUNDS, W. MORLEY,	History,	<i>Hamline</i>
GRANT, W. MORTIMER,	Political Economy,	<i>Hamline</i>
HITCHCOCK, JULIUS R.,	Education,	<i>Redwood Falls</i>
SHUMAN, BERTRAM A.,	Sociology,	<i>Duluth</i>
TASKER, PRUDENCE,	History,	<i>Amenia, North Dakota</i>
WHEELER, BERT N.,	Education,	<i>Duluth</i>

#### Senior Class.

ADAMS, ELLEN M.,	<i>Hamline</i>
ATHA, EARL T.,	<i>Ortonville</i>
BABCOCK, GEORGE P.,	<i>Hamline</i>
BLOOMFIELD, WINIFRED W.,	<i>Hamline</i>
CALDWELL, D. KNOX,	<i>Hamline</i>
CLIFTON, NETTIE,	<i>Rochester</i>
COLEMAN, FRED,	<i>Dodge Center</i>
COOKE, J. C.,	<i>Brownsdale</i>
COTTON, ANNA L.,	<i>Nashua, Iowa</i>
DACK, ORA E.,	<i>Stanton</i>
DONAHUE, BLANCHE B.,	<i>Mason City, Iowa</i>
EVANS, JESSIE H.,	<i>Hamline</i>
FLUKE, MAY C.,	<i>Farmington</i>

HOHMANN, SUSAN C.,	<i>Bird Island</i>
JUDSON, WILLIAM E.,	<i>Medford</i>
LAUVER, LILLIAN B.,	<i>Red Wing</i>
LINK, LILLIAN C.,	<i>Marshall</i>
MARTIN, ARTHUR W.,	<i>Hamline</i>
MERRITT, LEWIS H.,	<i>Duluth</i>
MERRITT, LUCIEN,	<i>Duluth</i>
OLSEN, T. A.,	<i>Hamline</i>
ROBBINS, HORTENSE R.,	<i>Austin</i>
WELD, ETHEL I.,	<i>Windom</i>
YOUNG, WM. W.,	<i>Minneapolis</i>

### Junior Class.

ANDERSON, LYDIA M.,	<i>Milan</i>
BALDWIN, GERTUDE,	<i>Marshall</i>
BENHAM, GRACE,	<i>Hamline</i>
BENSON, ELSIE,	<i>Heron Lake</i>
COLBY, ESTHER J.,	<i>Plainview</i>
ELFORD, CLARENCE F.,	<i>Douglass</i>
HILL, FRED W.,	<i>Bond Head, Ontario</i>
INNIS, HOMER C.,	<i>Hamline</i>
KIRK, HARRY S.,	<i>Brownston</i>
LAIDLAW, ALDEN J.,	<i>Wood Lake</i>
LINGMAN, DAVID,	<i>Hamline</i>
LOTHROP, MARY O.,	<i>Zumbrota</i>
MAGRAW, FLORENCE A.,	<i>Hamline</i>
MALLORY, MELVIN N.,	<i>Plainview</i>
MCNEIL, MARY C.,	<i>Detroit</i>
NESOM, GEORGE H.,	<i>St. Paul Park</i>
PRINGLE, WM. A.,	<i>Hamline</i>
ROSSMAN, FLOY A.,	<i>Hamline</i>
SHADINGER, GUY H.,	<i>Glencoe</i>
SILVERNALE, JOHN L.,	<i>Hamline</i>
TISDALE, FRED,	<i>Fordyce, Ontario</i>
VAN CAMP, ELIJAH,	<i>St. Thomas, N. D.</i>
WALLACE, MABEL A.,	<i>Hamline</i>
WHITCOMB, ORRIN J.,	<i>Byron</i>

**Sophomore Class.**

ARNESON, INGA E.,	<i>Watson</i>
BENHAM, RICH,	<i>Hamline</i>
COLYER, MOLLIE B.,	<i>Morris</i>
CUMMINGS, EMOGENE B.,	<i>White Bear</i>
DAVIS, MAMIE F.,	<i>Glencoe</i>
EWING, WM. J.,	<i>Glenwood</i>
FOSTER, BAINBRIDGE W.,	<i>Hector</i>
FRANKLIN, MAE,	<i>Devils Lake, N. D.</i>
GILLIS, MAY G.,	<i>Pine Island</i>
GILLIS, WINIFRED M.,	<i>Pine Island</i>
HALL, BENJAMIN F.,	<i>Wood Lake</i>
HALL, NELLIE G.,	<i>Plainview</i>
HECKERT, J. WALTER,	<i>Kasson</i>
LASSELL, GRACE M.,	<i>Chester, Iowa</i>
LETCHER, JOHN,	<i>Leland, Cornwall, England</i>
MALLORY, MYRTLE L.,	<i>Plainview</i>
PEMBERTON, JOHN L.,	<i>Hamline</i>
RICE, WILLIAM A.,	<i>Lake City</i>
RICH, LUCY D.,	<i>Hamline</i>
SCOTT J. WESLEY,	<i>Drayton, N. D.</i>
SHAW, GEORGE,	<i>Hamline</i>
WANNER, ANNA M.,	<i>Pingree, N. D.</i>
WANNER, THEODORE L.,	<i>Pingree, N. D.</i>
WEBB, LOUELLA O.,	<i>Hamline</i>
WILLMARTH, J. SCOTT,	<i>Kedron</i>



**Freshman Class.**

ACKLEY, IRVING L.,	<i>Hamline</i>
ALLIN, FRED W.,	<i>Hamline</i>
ARMSTRONG, J. ARCHIE,	<i>Winnebago City</i>
ATKINS, EUNICE M.,	<i>Elk River</i>
BABCOCK, WM. G.,	<i>Racine</i>
BENSON, LOIS,	<i>Heron Lake</i>
BEVERS, EDITH M.,	<i>Zumbrota</i>
BROWN, LOUISE,	<i>Grand Rapids, Wis.</i>
COCHRAN, EDWARD L.,	<i>Drayton, N. D.</i>
CRIST, HAMLINE E.,	<i>Hamline</i>
DAVIS, MAUD C.,	<i>Long Prairie</i>
DRILL, LEWIS,	<i>Browerville</i>
FULTON, STELLA,	<i>Hutchinson</i>
GATES, BESSIE M.,	<i>Red Wing</i>
GEER, JAMES M.,	<i>Spencer Brook</i>
GILLETTE, ALMA,	<i>Hamline</i>
GJERTSEN, JULIA,	<i>Madelia</i>
GJERTSEN, LISA,	<i>Madelia</i>
HANSEN, OLIVER C.,	<i>Minneapolis</i>
HEAL, PEARL,	<i>Hamline</i>
HILL, JENNIE E.,	<i>Hamline</i>
IDE, HERBERT P.,	<i>Gladstone</i>
IVERSON, OVIDIA T.,	<i>St. Paul</i>
JARVIS, CHARLEY W.,	<i>Blue Earth City</i>
JENNINGS, PEARL,	<i>Hamline</i>
KINNEY, GEORGE V.,	<i>Wells</i>
LIBBEY, GERTRUDE,	<i>Red Wing</i>
LIBBEY, S. WILLIAM,	<i>Red Wing</i>
MANTHEY, JESSE J.,	<i>St. Paul</i>
MARTIN, J. ROYAL,	<i>Hamline</i>
PUFFER, FLORENCE E.,	<i>Bird Island</i>
RICHARDSON, SETH W.,	<i>Ortonville</i>
RUNITZ, ED.,	<i>Springfield</i>
SIGMOND, ROY P.,	<i>Zumbrota</i>
STARK, MARY B.,	<i>Harris</i>
STOUT, WILL B.,	<i>Red Wing</i>
WHITE, MORRIS W.,	<i>St. Paul</i>
WINSHIP, LOUIS,	<i>Winnebago City</i>

**College Specials.**

ARNY, ANA H.,	<i>Newport</i>
BAKER, GRENVILLE W.,	<i>Spring Valley</i>
BAKER, WM. N.,	<i>Britt, Iowa</i>
BATDORF, NORMAN,	<i>Aitkin</i>
BERRY, EVELINE M.,	<i>Newport</i>
BOOEN, J. WESLEY,	<i>Hamline</i>
BURNS, LEO,	<i>Wells</i>
BUTLER, BERTRAM T.,	<i>St. Paul</i>
CLARE, MABEL,	<i>Hamline</i>
DRILL, FRANK,	<i>Browerville</i>
DYER, SEWARD B.,	<i>Slayton</i>
EDMUNDS, H. M.,	<i>Drayton, N. D.</i>
EVANS, ELIZABETH O.,	<i>Racine</i>
FEATHERSTONE, B. G.,	<i>Red Wing</i>
FRYCKBERG, J. W.,	<i>St. Paul</i>
GRANT, W. W.,	<i>St. Anthony Park</i>
GRAY, ROBERT E.,	<i>Hamline</i>
HACKNEY, JOSEPH M.,	<i>St. James</i>
HOBART, HARRIET A.,	<i>Chicago, Ill.</i>
INWOOD, ARTHUR I.,	<i>McCutchinville, Ind.</i>
JOHNSON, CURTIS M.,	<i>Rush City</i>
JOHNSON, EVA C.,	<i>Claybank</i>
JOHNSON, HERMAN A.,	<i>Madison</i>
KINGSTON, MERTON S.,	<i>Tower</i>
LASELL, MABEL,	<i>Waubay, S. D.</i>
LAWSON, FLOYD A.,	<i>Hamline</i>
LIBBEY, LYDA M.,	<i>Red Wing</i>
LUND, AXEL B.,	<i>Dawson</i>
MCCORMICK, JOHN D.,	<i>Owatonna</i>
McKAIG, ROBERT R.,	<i>Hamline</i>
McKENZIE, DONALD,	<i>Langford, S. D.</i>
MERRITT, JAS. C.,	<i>Lexington, Nebraska</i>
MITCHELL, HOWARD W.,	<i>Minneapolis</i>
MORGAN, DAVID,	<i>Hamline</i>
MOSES, WILL J. B.,	<i>Alexandria</i>
NOLTIMIER, HARRY B.,	<i>Newport</i>
OLSON, ELIZABETH,	<i>Afton</i>
OLSON, MARY E.,	<i>Afton</i>
PARK, FRED H.,	<i>Wells</i>
PARR, FRANK,	<i>Hamline</i>
PEGG, MABEL E.,	<i>Owatonna</i>

QUICK, KATIE N.,	<i>Ely</i>
RASEY, RUTH A.,	<i>St. James</i>
ROSSER, ROSCOE,	<i>Hamline</i>
RUTHERFORD, LAUD R.,	<i>Mora</i>
RUTHERFORD, MADOLIN M.,	<i>Mora</i>
SCHALL, THOS. D.,	<i>Hamline</i>
SHRODE, D. L.,	<i>Kimball</i>
SHUMWAY, HAROLD,	<i>Appleton</i>
SLACK, JAMES A.,	<i>Hamline</i>
SNODGRASS, GEORGE R.,	<i>River Falls, Wis.</i>
SOULE, LLEW S.,	<i>Princeton</i>
SPEAR, MINA L.,	<i>Hamline</i>
SPERRY, CLARA L.,	<i>Owatonna</i>
STEUERNAGEL, ALFRED C.,	<i>Winona</i>
STEVENS, H. H.,	<i>Hamline</i>
TAYLOR, ROBT. J.,	<i>Hamline</i>
THOMPSON, FRANK,	<i>Dodge Center</i>
TYRRELL, C. C.,	<i>Bellwood, Nebraska</i>

## **Courses of Study.**

---

Three courses of study are open to the members of the College of Liberal Arts.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSES. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

## Requirements for Admission to the Freshman Class.

---

### Classical Course.

- LATIN:       Cæsar, Gallic War, four books.  
              Virgil, Æneid, four books.  
              Cicero, five orations.  
              Latin Grammar, Allen and Greenough's or an equivalent.  
              Latin Prose Composition.
- GREEK:       Xenophon, Anabasis, three books.  
              Homer, Iliad, one book.  
              Greek Grammar, Goodwin's or an equivalent.
- MATHEMATICS: Plane and Solid Geometry.  
              Algebra, through Quadratic Equations, Wentworth's  
              or an equivalent.
- ARITHMETIC: Including the Metric System.
- ENGLISH:    English Grammar and Analysis.  
              Elementary Rhetoric and Composition.
- HISTORY:    History of the United States.  
              History of Greece.  
              History of Rome.
- 

### Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

### **Examination for Admission.**

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

### **Record and Examination.**

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

### **Advance Standing.**

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

### **Registration—Deficient Work.**

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

## **Degrees.**

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

## **Master's Degree.**

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and, before the degree is conferred an additional fee of \$5.00 will be charged.

## Course of Study by Departments.

---

### Latin.

COURSE A.—**Livy**, Books I and XXI, four times a week for two terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—**Horace**, four times a week for the Spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rhythmic reading of the odes. Required of all Freshmen.

COURSE C.—I. **Terence**, five times a fortnight for the Fall term; to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. **Cicero**, five times a fortnight during the Winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. **Horace**, five times a fortnight during the Spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—**Latin Hymns**, twice a week during third term of Junior year; a study of the Hymnology of the Early Christian Church, together with practice in sight-reading. Elective for Juniors and Seniors who have taken Courses A and B.

COURSE E.—In the Fall and Winter terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation, open to those who have taken courses A, B and C.



## COURSE F.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B, C and D.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

---

## Greek.

COURSE A.—**The Odyssey** will be read in the Fall term, **Herodotus** in the Winter, Select Orations of **Lysias** in the Spring. The aim is to study these works as literature and also as helps to language study, mental discipline and general culture. Metrical reading of the poetry will be practiced, and study of life in Homeric times; the composition and derivation of words, and in connection with Lysias, the government and courts of Athens, and everything necessary to the understanding of the orations. Daily throughout the year.

Required of Freshmen in the classical course.

COURSE B.—Elective for the Sophomores. In the Fall term Xenophon's *Memorabilia*, in the Winter term Plato's *Apologia* and in the Spring term Demosthenes' *De Corona*, or works of the same grade, will be read. Part of the time will be spent in sight reading. An elective in Greek twice a week is also provided in the Junior year.

## German.

COURSE A.—**Beginning German.** I. Fall Term.—“Collar’s Shorter Eysenbach” is used. Students are carefully drilled in pronunciation; short selections are committed to memory and used as a basis for conversation.

II. The study of the grammar is continued during the Winter term and translation from some German reader is begun.

III. The reader is used in the Spring term. The English sentences of the grammar are translated into German, as far as time allows, and the selections read are used as material for conversation in the class. Five times a week through the year, elective for Sophomores.

COURSE B. **Advanced German.** The works read vary from year to year. The constant aim in this department is to train the ear to the understanding of spoken German, to acquire some facility in speaking the language, and a good degree of facility in translating from German into English and as far as possible the understanding of it without translation. The course is elective and open to Juniors who have had course A.

---

## French.

French is elective in the Sophomore or Junior years. Part I of Edgren’s French Grammar and a reader are studied during the Fall term. In the Winter term Halevy’s *L. Abbe Constantin* is read and in the Spring term Feuillet’s *Le Roman d’ un Jeune Homme Pauvre*. Students are expected during this course to master the conjugations, become quite familiar with the gender of nouns and the leading features of the grammar and to acquire considerable facility in reading and translation from French into English. Special attention will be paid to the training of students in the understanding of spoken French.

## English Language and Literature.

COURSE A. I. **Rhetoric.** Twice a week during the year. A course of study of the principles and practice of rhetoric, both as a foundation for the study of English Literature and for application in the practice of composition. Required of all Latin-Scientific Freshmen.

II. **Theme Writing.** Once a week throughout the year, this course is intended to be in connection with section I, and will replace the Freshmen's Wednesday Rhetoricals of previous years.

COURSE B. **History of English Literature.** General introduction to English Literature four times a week throughout the year. An outline of the History of English Literature, with Pancoast's Outlines as a guide, and with assigned collateral illustrative reading. Optional for Sophomores, who have had course A.

COURSE C. **Advanced English Literature.** This course is designed to follow courses A and B. It will be a course four times a week throughout the year, and will include exhaustive studies of the works of a particular writer, period or style. It will be optional to all students who have completed courses A and B.

COURSE D. **Literary Appreciation.** A course twice a week throughout the year, following the following lines:

I. A series of LECTURES with illustrative reading to develop the principles of the subject, under the heads of style, construction and content.

II. Practice in the APPLICATION of these principles to the study of the masterpieces of different literary forms; e. g., the essay, fiction, the drama, epic poetry and lyric poetry.

This course is optional to Seniors who have had at least courses A and B. It is continuous and students may not elect it for less than a whole year.

All Sophomores are met each week for exercises in English Composition; the work includes practice both in literary and oral expression, taking the form of essays, sketches, declamations delivered in the presence of the class, with criticism from the instructor and in some cases also from members of the class.

Chapel orations and essays are required to be written and delivered by all Juniors and Seniors before an audience in the college chapel once each term. These articles are based on more or less extended original reading and research, and have the benefit of personal criticism from the professor in charge before they take their final form.

---

## Mental and Moral Philosophy.

COURSE A.—**Psychology**, four times a week through Fall term.

This is a general elementary course of study of the outlines of the science, it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—**Moral Science**, four times a week during Winter term. Optional for Seniors.

COURSE C.—**Natural Theology**, twice a week through Spring term. Optional for Seniors.

COURSE D.—**Evidence of Christianity**, three times a week through Spring term. Optional for Seniors.

---

## English Bible.

**Bible Study**, once a week through four years, each of the college classes devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

## Historical and Political Science.

### I. HISTORY.

**COURSE A.—Modern History.** A half-study throughout the year, elective for the Sophomores. Fisher's Modern History is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

**COURSE B.—Science of Government.** A half-study, required during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in Bryce's American Commonwealth. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

**COURSE C.—History of Civilization.** A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

### II. POLITICAL ECONOMY.

**COURSE A.—Introduction** to the Study of Political Economy. Three times a week, optional with the Juniors for the Spring term. Walker's Political Economy, Advanced Course, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

**COURSE B.—Advanced Course.** A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for

original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work under charge of the professor, and of these read before the Senior class.

---

## Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Van Dyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

---

## International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

---

## American Constitutional and Common Law.

This course is an elective, twice a week, through the Senior year. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

## Mathematics and Astronomy.

COURSE A.—I. **Algebra**—Wentworth's Complete. Radicals, Theory of Exponents, Logarithms, Progression, Choice, Chance. Five times a week, Fall term.

II. **Plane Trigonometry**—Wentworth. Five times a week, Winter term.

III. **Spherical Trigonometry**—Wentworth; three weeks.

**Analytical Geometry**—Nichols; seven weeks. Five times a week, Spring term.

This course required of all Freshmen.

COURSE B.—I. **Calculus**—Olney. Five times a fortnight, Fall and Winter terms.

II. **Mensuration and Surveying**—Carhart. Five times a fortnight, Spring term.

This course is elective for Sophomores or Juniors and is offered only on alternate years; it will be open in 1900-1.

COURSE C.—**Astronomy**, three times a week, Spring Term. An outline course in Descriptive Astronomy. Elective for Juniors.



## Physics.

COURSE A.—**Elementary Mechanics.** This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores.

COURSE B.—**Physics.** I. Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases; sound; heat; electricity and magnetism; and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores.

COURSE C.—**Physics.** II. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for Seniors.



## Chemistry.

**COURSE A.—General Chemistry.** This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Juniors and Seniors.

**COURSE B.—Basic Qualitative Analysis.** I. This course extends through the third term of Junior year, two afternoons each week. It consists almost wholly of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of chemical equation. Elective for Juniors.

**COURSE C.—Qualitative Analysis.** II. This course, which extends through the first term of Senior year, four hours per week, continues the work of Course B. Especial attention is given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. Elective for Seniors.

**COURSE D.—Quantitative Analysis.** This course extends through the Senior year. The student is first taught the use of the balance and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for Seniors.

## Biology.

COURSE A.—**Elementary Invertebrate Zoology.** Three times a week, for three terms, as follows:

- I. Protozoa, Coelenterates and Echinoderms, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold; first, to train students to the habits of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-water or land animals are selected as far as possible. Groups are taken up seriatim and several representative forms of every principal group are examined. Among the forms actually studied are such as Amoeba, Euspongia, Hydra, Asterias, Strongylocentrotus, Unio, Ostrea, Lumbricus, Cambarus, Eupagurus, Pinnotheres, Cyclops, Branchippus, Caloptenus and many others. The work is a course of lectures required to be reported by the students and of laboratory work on the animals referred to, or on some closely allied ones. There are frequent written quizzes. Required of all Latin-Scientific Freshman. Optional for Sophomore in Classical Course.

COURSE B. I. **General Biology**, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protoctus, Penicillium, Spirogyra, Geranium Leaf, Paramecium, Vorticella, Hydra, and other subjects. Then the physiological conditions of cell-life are investigated on Yeast as a subject. The condition of its growth as to diet, temperature, light, moisture, and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations.

II. **Vertebrate Morphology**, twice a week through the Winter term. The smelt and the salamander are dissected, and this work is accompanied by a course of lectures on the Comparative Anatomy of Vertebrates.

III. **Mammalian Histology**, twice a week through the Spring term. This is an elementary course of lectures and laboratory work in the histology of the tissues and some of the

more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on the study of fresh material and in part on prepared slides, and includes practice in preparing and mounting material for microscopical study by the simplest processes of fixing, staining, imbedding, sectioning and baloon-mounting of tissues and organs.

Course B is optional for Sopomores or Juniors; students in the Classical Course who wish this course must first have taken Course A.

**COURSE C. Mammalian Physiology**, four times a week for the first half year. This is chiefly a lecture and reading course; demonstrations are given, but the individual laboratory study of physiology is not attempted. The attempt is, however, made so far as possible to consider the experiment data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is *optional but open* only to students who have taken Courses A and B.

**COURSE D. Advanced Biology**, twice a week through the Senior year. This is an individual and practical course, intended for those who are preparing to specialize in Biology. It is open only to those who have completed Courses A and B, and have shown marked proficiency in Biological laboratory and theoretical work. Distinct courses are not assigned, but it is planned to devote the Fall term to mammalian osteology and the Winter term to the dissection of a mammal including all the systems, and the Spring term to Vertebrate Embryology, but special work will be planned if necessary to meet individual cases.

During the course of the year lectures may be delivered informally and not according to programme on biological and speculative subjects, which are designed to show to the student the present positions of research in biological science.

#### NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for forty students at one time. There are twenty-five compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the

science can be readily carried on. The museum is a very large apartment, being in fact the entire third story of Science Hall. It is gradually coming to have a very extensive collection for illustrating the lectures and other studies of the department, and is also an important factor in the general instruction of the student. All the collections in the museum are serially arranged, and most of the specimens are named, and to some extent they are described. The description of the specimens by typewritten labels is planned and will be a very great aid to the usefulness of this department. The library has received, through the benevolence of Mr. C. G. Goodrich, of Minneapolis, the gift of \$1,000 to be used for the purchase of biological books. These have in part been purchased and they now make it possible for students to gain an insight into biological literature when they are studying any of the subjects of the course. Some of the current biological periodicals are taken by the department, and these and "separates," as well as the more useful reports and many books are kept in the biological laboratory, and are constantly available to the student for reference.

---

## Geology.

COURSE A.—Elements of Geology, four times a week through the last half of the year. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Seniors.

## Synopsis of the Course of Study.

FRESHMAN YEAR.	Fall Term.	LATIN.—Livy. 4. MATHEMATICS.—Algebra, Wentworth's Complete. 5. <i>Classical</i> .—GREEK, Herodotus. 5. Rhetoric. 1. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Protozoa and Coelenterata. 3.
	Winter Term.	LATIN.—Livy. 4. MATHEMATICS.—Plane and Spherical Trigonometry. Olney. 5. <i>Classical</i> .—GREEK, Plato, Apologia. 5. Rhetoric. 1. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Echinoderms, Scolecids and Mollusks. 3.
	Spring Term.	LATIN.—Horace. 4. MATHEMATICS.—Spherical Trigonometry completed. Analytical Geometry, Olney. 5. <i>Classical</i> .—GREEK, Xenophon, Memorabilia. 5. Rhetoric. 1. <i>Latin Scientific</i> .—RHETORIC. 3. " " BIOLOGY. A. Annelids and Arthropods. 3.
SOPHOMORE YEAR.	Fall Term.	GERMAN OR FRENCH. 5. <i>Electives</i> . MATHEMATICS.—Mechanics, Carhart. 4. ENGLISH LITERATURE.—4. LATIN.—Terence, Literature. 2½. GREEK.—Demosthenes, De Corona. 2½. CALCULUS.—Olney. 2½. HISTORY.—2½. BIOLOGY A.
	Winter Term.	GERMAN OR FRENCH.—5. <i>Electives</i> . MATHEMATICS.—Physics, Carhart. 4. ENGLISH LITERATURE.—4. LATIN.—Cicero's Lælius or Pliny's Letters; Literature. 2½. GREEK.—Sophocles, Oedipus Tyrannus. 2½. CALCULUS.—2½. HISTORY.—2½. BIOLOGY A.
	Spring Term.	GERMAN OR FRENCH.—5. <i>Electives</i> . MATHEMATICS.—Physics; Lectures. 4. ENGLISH LITERATURE.—4. LATIN.—Horace De Arte Poetica or Quintilian; Literature. 2½. GREEK.—Aristophanes, The Clouds. 2½. MENSURATION AND SURVEYING.—Carhart. 2½. HISTORY.—2½. BIOLOGY A.

The figures indicate the number of class exercises per week.  
 Sixteen exercises per week, including Bible study and English composition are required.

JUNIOR YEAR.	Fall Term.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Remsen; Laboratory Practice. 3 (afternoons). BIOLOGY B I.—2 (afternoons). GERMAN.—5. FRENCH.—5. LATIN.—2. GREEK.—2.
	Winter Term.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Laboratory Practice. 3 (afternoons). BIOLOGY B II.—2. GERMAN.—5. FRENCH.—5. LATIN.—2. GREEK.—2.
	Spring Term.	ENGLISH LITERATURE.—4. LOGIC.—McCosh. 3. GERMAN.—Goethe. 3. FRENCH.—5. POLITICAL ECONOMY.—3. QUALITATIVE ANALYSIS.—Appleton. 2. DESCRIPTIVE ASTRONOMY.—Young. BIOLOGY B III.—2. GREEK.—New Testament. 2. LATIN.—March's Latin Hymns or Lucretius or Tacitus. 2.
SENIOR YEAR.	Fall Term.	POLITICAL ECONOMY.—8. HUMAN BODY.—4. PSYCHOLOGY.—4. HISTORY.—Civilization. 4. EDUCATION.—2. ENGLISH LITERATURE D.—2. PHYSICS OR CHEMISTRY.—2. BIOLOGY D.—2. CONSTITUTIONAL LAW.—Black. 2.
	Winter Term.	HUMAN BODY; GEOLOGY.—4. POLITICAL ECONOMY.—4. HISTORY.—Civilization. 4. MORAL SCIENCE.—Porter. 4. CONSTITUTIONAL LAW.—2. EDUCATION.—2. ENGLISH LITERATURE D.—2. PHYSICS OR CHEMISTRY.—2. BIOLOGY D.—2.
	Spring Term.	NATURAL THEOLOGY.—Chadbourne; Lectures. EVIDENCES OF CHRISTIANITY.—Hopkins. 3. INTERNATIONAL LAW.—3. GEOLOGY.—4. AMERICAN COMMON LAW.—LECTURES. 2. SOCIOLOGY.—4. EDUCATION.—2. ENGLISH LITERATURE D.—2. PHYSICS OR CHEMISTRY.—2. BIOLOGY D.—2.



## Preparatory Department.

---

The Preparatory Department, although separated in some respects from the College department, is yet kept in vital connection with it; and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

---

### STUDENTS.

---

#### First Preparatory.

ANDERSON, ALMA J.,	<i>Milan</i>
BABBIDGE, MARIE,	<i>Hamline</i>
BRADLEY, WILLIS W.,	<i>Forman, N. D.</i>
BRAZIL, MYRTLE,	<i>Morton</i>
BROWN, MAUD,	<i>Hanley Falls</i>
CARMICHAEL, ALICE G.,	<i>Lamberton</i>
CHILTON, LIBBIE,	<i>Hamline</i>
CLELLAND, ETHEL,	<i>Hamline</i>
CONSER, LETTA,	<i>Minneapolis</i>
DIESEM, NINA,	<i>Grand Rapids, N. D.</i>
DUFF, DARDANIA,	<i>Hamline</i>
FAIRBANKS, FLOYD E.,	<i>Hamline</i>
FOLTZ, MARGIE E.,	<i>Hamline</i>
FORSMAN, ARTHUR H.,	<i>St. Paul</i>
FRICH, DAGNY,	<i>Hamline</i>
FUNK, ELLA O.,	<i>Hamline</i>
GATES, JESSE C.,	<i>Minneapolis</i>
*GILLIS, GEORGE D.,	<i>Crystal, N. D.</i>
HANNA, JOHN L.,	<i>Eagle Lake</i>
HARRIS, ETHEL M.,	<i>Hamline</i>
HEAL, HARRY J.,	<i>Hamline</i>
HOYT, FAYETTE C.,	<i>Stewart</i>
HOYT, SIBYL,	<i>Hamline</i>
HURSH, MARION M.,	<i>Henning</i>
JAMESON, CLYDE L.,	<i>New Richmond, Wis.</i>

---

\*Deceased.

JENNINGS, CHARLES H.,	<i>Hamline</i>
JOHNSON, JOHN E.,	<i>Danvers</i>
JOYCE, A. REAMY,	<i>Minneapolis</i>
KEMP, EDITH M.,	<i>Hector</i>
KIRKLAND, ARTHUR,	<i>Tramway, Wis.</i>
KRAUSE, ALBERT E.,	<i>Hamline</i>
MANUEL, SUSIE,	<i>Canton</i>
MARTIN, HELEN F.,	<i>St. Paul</i>
MATCHETT, BELLE,	<i>Hamline</i>
MATHIEU, WILLIE,	<i>Verdon, S. D.</i>
MCDONNA, GEORGE,	<i>Parker's Prairie</i>
MCGEE, KATE A.,	<i>Merriam Park</i>
MCGIVERIN,	<i>Red Wing</i>
MCLEAN, NORMAN,	<i>Sharon</i>
MOORE, MARGARET,	<i>Bathgate, N. D.</i>
MOWER, LEON G.,	<i>Clearwater</i>
NEUMANN, WM. H.,	<i>Lewiston</i>
NORTHROP, GEO. E.,	<i>Buffalo Lake</i>
OLSON, ARTHUR E.,	<i>Afton</i>
PATTISON, G. JAY,	<i>Racine</i>
PEMBERTON, ADA M.,	<i>Washburn</i>
PENNINGTON, FRANCIS J.,	<i>Cottage Grove</i>
PENNINGTON, GRACE L.,	<i>Cottage Grove</i>
PINCH, VERA,	<i>St. Paul</i>
ROBERTS, WM.,	<i>Plymouth, Pennsylvania</i>
ROBINSON, SLATON F.,	<i>Morgan</i>
ROBY, ROY,	<i>Ferney, N. D.</i>
ROSSER, BESSIE,	<i>Hamline</i>
RUNITZ, ALFRED,	<i>Springfield</i>
SANDLAND, ELLA	<i>Hanley Falls</i>
SAUNDERS, RAY J.,	<i>Parker's Prairie</i>
SKELTON, HARRY E.,	<i>Barnum</i>
SMITH, MARY R.,	<i>Hamline</i>
STEVENS, BLANCHE W.,	<i>St. Paul</i>
STONE, ANNA,	<i>Kenkiang, China</i>
TANG, ILIEN,	<i>Kenkiang, China</i>
VAN FOSSEN, M. LU VERNE,	<i>Monticello</i>
WALLACE, BEATRICE,	<i>Evelith</i>
WALLACE, ERNEST F.,	<i>Hamline</i>
WALSH, JULIUS C.,	<i>St. Paul</i>
WEMPLE, JESSIE L.,	<i>Fergus Falls</i>
WHEELER, CHAS. F.,	<i>Minneapolis</i>
WHITACRE, MERTIS B.,	<i>Mt. Pulaski, Illinois</i>



**Second Preparatory.**

*BACON, HERBERT,	<i>Hamline</i>
BRADLEY, HAROLD C.,	<i>Forman, N. D.</i>
BRIDGMAN, DONALD E.,	<i>Hamline</i>
CLARE, EDDY,	<i>Hamline</i>
CLOW, VICTOR,	<i>Humboldt</i>
DAVIS, ALFRED,	<i>Lavender, Ontario</i>
DILLER, LOUISE S.,	<i>Cleveland</i>
DRILL, JOHN J.	<i>Browerville</i>
DURNAL, MYRTLE L.,	<i>Hamline</i>
FIELD, FLORENCE E.,	<i>Beardsley</i>
GOULD, RAYMOND D.,	<i>Excelsior</i>
IDE, A. LEWIS,	<i>Gladstone</i>
INWOOD, ANNA M.,	<i>McCutchanville, Ind.</i>
KAHL, JOSEPH A.,	<i>Radcliffe, Iowa</i>
KINSMAN, ADELBERT G.,	<i>Hamline</i>
KINSMAN, F. H.,	<i>Hamline</i>
KREIDLER, EDMUND H.,	<i>Herman</i>
NELSON, FRED C.,	<i>Plainview</i>
NUTTING, FRANK,	<i>Pleasant Grove</i>
PETERSON, ARTHUR T.,	<i>Olivia</i>
PETERSON, GEO. E.,	<i>Cokato</i>
ROSSER, ANABEL,	<i>Hamline</i>
SCHWEITZER, F. R.,	<i>Alma, Wis.</i>
SMITH, EDWARD C.,	<i>Appleton</i>
SMITH, W. W.,	<i>Ridgway</i>
SPENCER, ALLAN T.,	<i>Sunny Side, Montana</i>
STOCKDILL, M. CARLOTTA,	<i>Hamline</i>
STURTEVANT, NELLIE,	<i>Hamline</i>
WHEELER, GEORGE,	<i>Hamline</i>
WINSTON, MATTIE D.,	<i>Hamline</i>
WRIGHT, HELEN E.,	<i>Hamline</i>

---

\*Deceased.

**Third Preparatory.**

BARKULOO, WM. C.,	<i>Annandale</i>
BEVANS, JULIA,	<i>Hamline</i>
INNIS, ETHELWYN,	<i>Hamline</i>
KERR, CATHERINE,	<i>Minneapolis</i>
LIVINGSTON, WM.,	<i>Wells</i>
LOWE, JOHN,	<i>Hamline</i>
MASSEE, CHARLES,	<i>Louisville, Wis.</i>
MCCREA, C. H.,	<i>Hamline</i>
MCKAIG, HUGH C.,	<i>Hamline</i>
PEMBERTON, JOS. G.,	<i>Hamline</i>
SHEDD, HARRY L.,	<i>Osakis</i>
SILVERNALE, BLANCHE,	<i>Montevideo</i>
SPOONER, CARRIE A.,	<i>Mondamin, Iowa</i>
SPOONER, GRACE M.,	<i>Mondamin, Iowa</i>
SWINNERTON, THOS. N.,	<i>Hamline</i>
WALLACE, GEORGE W.,	<i>Evelith</i>
WELLS, FLORENCE,	<i>Hamline</i>

## Courses of Instruction.

---

### Preparatory Department.

---

#### FIRST YEAR.

##### FIRST TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.—Allen and Greenough.

HIGHER ENGLISH.

##### SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.

HIGHER ENGLISH.

##### THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.

HIGHER ENGLISH.

#### SECOND YEAR.

##### FIRST TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.—Goodwin, Moss.

*Latin Scientific*.—GENERAL HISTORY.—4.

##### SECOND TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.—4.

##### THIRD TERM.

*Constructive Drawing*.—GEOMETRIC CONSTRUCTIONS.

LATIN.—Cicero.

ELEMENTARY RHETORIC.—2.

*Classical*.—GREEK GRAMMAR AND READER.

*Latin Scientific*.—GENERAL HISTORY.—4.

## THIRD YEAR.

## FIRST TERM.

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero.

*Classical*.—GREEK.—Anabasis.

*Latin Scientific*.—ELEMENTARY PHYSICS.—Carhart.

## SECOND TERM.

SOLID GEOMETRY.—ALGEBRA.

RHETORIC.—2.

LATIN.—VIRGIL.

*Classical*.—GREEK.—Anabasis.

*Latin Scientific*.—ELEMENTARY PHYSICS.

## THIRD TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—VIRGIL.

*Classical*.—GREEK, Iliad.

*Latin Scientific*.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

## Department of Elocution.

---

The Department of Elocution offers two complete courses of study, and grants a certificate for the completion of either.

### A. THE ADVANCED COURSE.

It is intended that the student shall carry this course contemporaneously with his course in the department of Liberal Arts. The subjects required in addition to those in the college curriculum are as follows:

English Phonation; one term.

Voice Building; two terms.

Pantomime; one term.

Physical Culture; three terms.

Philosophy of Expression; three terms.

Interpretation; seven terms; each one period per week.

### B. ELEMENTARY COURSE.

In addition to the work in English in the college curriculum this course requires the same studies as in the Advanced Course, but in a more elementary form and two periods per week.

Two years are required to complete this course.

Six terms' work in this department may be substituted for one study one term of the college curriculum.

**List of Elocution Students**

BABCOCK, GEO. P.,	<i>Hamline</i>
BABCOCK, W. G.,	<i>Racine</i>
CLARE, MABEL,	<i>Hamline</i>
COOKE, J. C.,	<i>Brownsdale</i>
DAVIS, ALFRED,	<i>Lavender, Ontario</i>
ELFORD, CLARENCE,	<i>Douglass</i>
EVANS, ELIZABETH O.,	<i>Racine</i>
FAIRBANKS, FLOYD E.,	<i>Hamline</i>
FRYCKBERG, JOHN W.,	<i>St. Paul</i>
HEAL, PEARL,	<i>Hamline</i>
HILL, JENNIE E.,	<i>Hamline</i>
KAHL, JOSEPH A.,	<i>Radcliffe, Iowa</i>
LETCHER, JOHN,	<i>Hamline</i>
MATCHETT, BELLE,	<i>Hamline</i>
OLSEN, T. A.,	<i>Hamline</i>
PARR, FRANK,	<i>Hamline</i>
PETERSON, ARTHUR T.,	<i>Olivia</i>
RUNITZ, ED.,	<i>Springfield</i>
WALLACE, MABEL A.,	<i>Hamline</i>
WELLS, FLORENCE,	<i>Hamline</i>
WINSHIP, LOUIS,	<i>Winnebago City</i>

## Department of Music.

---

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course of music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

**List of Music Students.**

BENDIXEN, MAE,	<i>St. Paul</i>
BRIDGMAN, DOROTHY,	<i>Hamline</i>
BROWN, LOUISE,	<i>Grand Rapids, Wis.</i>
COFFIN, MAE,	<i>Hamline</i>
EATON, ELEANOR,	<i>Hamline</i>
GILLIS, WINIFRED M.,	<i>Pine Island</i>
HOBART, HARRIET A.,	<i>Chicago, Ill.</i>
JOHNSON, EVA,	<i>Clay Bank</i>
MALLORY, MYRTLE,	<i>Plainview</i>
MANUEL, SUSIE,	<i>Canton</i>
MOORE, MARGARET,	<i>Bathgate, N. D.</i>
PEGG, MABEL,	<i>Owatonna</i>
RUNITZ, ED.,	<i>Springfield</i>
RUTHERFORD, MADOLIN,	<i>Mora</i>
SPERRY, CLARA L.,	<i>Owatonna</i>
STILES, EMMA,	<i>Sauk Centre</i>
VANFOSSEN, LUVERNE,	<i>Monticello</i>
WALLACE, BEATRICE,	<i>Evelith</i>



## **General Information.**

---

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Interurban Electric Railway, and from St. Paul by the Hamline Line.

### **LIBRARY.**

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 8:20 A. M. until 5:00 P. M. It is free to all students, and they are aided in consulting it by the Librarian and by members of the Faculty. Over \$1,000 worth of new books have been added the present year. The Library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society, are in easy reach and freely accessible to all students.

### **DEPARTMENT OF PHYSICAL CULTURE.**

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. Hereafter work in this department, at least two hours per week, will be required. A fee of one dollar per term will be collected of all students. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Physical Examinations are held in the Fall term. Classes are formed and exercises are prescribed based upon such an examination. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-round development rather than

the training for special feats of skill or strength. Hand ball and basket ball tournaments are held during the Winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in base ball, foot ball, track and field sports and skating. A rink for the latter purpose, 300 x 100 feet, is flooded on the campus. The Athletic Association maintains a foot ball, a base ball and a track and field team, and annually contests for honors with the other colleges of the state.

### **LADIES' HALL.**

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher; all other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

### **BOARDING HALL AND BOARD IN PRIVATE FAMILIES.**

The Dining Hall is in the basement of Ladies' Hall. Young ladies from a distance will be required to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces), . . . .	\$2.75
Gentlemen, per week, . . . . .	2.75
Washing and ironing, per dozen, . . . . .	.50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.

The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.

## NECESSARY EXPENSES.

Tuition, per term, College Classes . . . . .	\$10.00
Tuition, per term, Preparatory Classes . . . . .	8.00
Incidentals, per term, all classes . . . . .	2.00
Chemical Laboratory fee, per term . . . . .	2.00
Biological Laboratory fee, per term. . . . .	1.50
Apparatus broken by the student will be charged to his account.	
Physical Culture, per term . . . . .	1.00
Elocution, per lesson . . . . .	1.00
Instruction, piano or vocal, payable by the term, per lesson of one-half hour. . . . .	1.00
Vocal Music, per term, in classes. . . . .	2.00
Use of piano, one hour daily, per term . . . . .	2.50
Instruction in Art, payable by the term, per lesson . . .	1.00
Text-books, per year. . . . .	\$10.00 to 15.00

## ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals . . . . .	\$30.00	\$36.00
Room rent, fuel and light . . . . .	36.00	36.00
Board, thirty-six weeks . . . . .	90.00	90.00
Washing and ironing, 12 pieces per week. . . . .	18.00	18.00
Books and stationery, about . . . . .	12.00	12.00
Minimum . . . . .	<u>\$186.00</u>	<u>\$192.00</u>

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and drawing being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced:

Tuition, incidentals, music and art lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

### LITERARY SOCIETIES.

There are seven Literary Societies in connection with the College of Liberal Arts. The Philomathean, Amphictyon and Phi Alpha are for college men; Browning and Athenæan for ladies; the Zarephathian for young men and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

### RELIGIOUS SERVICES.

Students are required to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meeting of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.

---

### THE DIVINITY SCHOOL.

#### NOTE.

The Trustees fully expected to have opened a School of Theology before this time, but owing to the financial condition they have as yet been unable to do so. They still expect, however, to establish such a school as soon as the funds at their disposal will guarantee such an enlargement of the work of the University.

# College of Medicine.

(Minneapolis College of Physicians and Surgeons.)

**Board of Trustees.**

J. T. MOORE, M. D.,	-	-	-	Term expires 1900
J. D. SIMPSON, M. D.,	-	-	-	Term expires 1900
LEO M. CRAFTS, M. D.,	-	-	-	Term expires 1901
WILLIAM J. BYRNES, M. D.,	-	-	-	Term expires 1901
G. C. BARTON, M. D.,	-	-	-	Term expires 1902
W. H. HALLOWELL, M. D.,	-	-	-	Term expires 1902

---

**Officers of the College.**

GEO. H. BRIDGMAN, D. D.,	-	-	-	<i>President</i>
J. T. MOORE, M. D.,	-	-	-	<i>Vice-President</i>
LEO M. CRAFTS, M. D.,	-	-	-	<i>Dean</i>
W. J. BYRNES, M. D.,	-	-	-	<i>Treasurer</i>

## Faculty.

---

GEORGE H. BRIDGMAN, D. D., PRESIDENT.

LEO M. CRAFTS, B. L., M. D., DEAN,

*Professor of Nervous Diseases.*

J. T. MOORE, M. D., C. M., M. C. P. S.,

*Professor of Theory and Practice of Medicine.*

EDWIN PHILLIPS, M. D.,

*Professor of Gynaecology.*

W. J. BYRNES, M. D.,

*Professor of Surgical Anatomy and Clinical Gynaecology.*

COLUMBUS G. SLAGLE, M. D.,

*Professor of Paediatrics.*

HERBERT E. CARY, B. A., M. D.,

*Associate Professor of Gynaecology.*

J. W. MacDONALD, M. D., F. R. C. S. E.,

*Professor of the Practice of Surgery and Clinical Surgery.*

WILLIAM H. HALLOWELL, M. D.,

*Professor of Obstetrics.*

WILLIAM G. W. TUPPER, M. D.,

*Professor of Therapeutics.*

HUGH N. McDONALD, M. D.,

*Professor of Diseases of the Chest.*

C. K. BARTLETT, M. D.,

*Professor of Psychological Medicine.*

GEORGE C. BARTON, M. D.,

*Professor of Physiology and Clinical Gynaecology.*

A. F. IRWIN, M. D., PH., D.,

*Professor of Pathology and Bacteriology.*

DAVID OWEN THOMAS, B. A., M. D., M. R. C. S.,

*Professor of Dermatology and Genito-Urinary Diseases.*

CHARLES J. SPRATT, M. D.

*Professor of Ophthalmology and Otology.*

CHARLES W. WILLIAMS, M. D.,

*Professor of Materia Medica.*

J. D. SIMPSON, M. D.,

*Professor of Clinical Ophthalmology and Otology.*

KNUT HOEGH, M. D.,

*Professor of the Principles of Surgery and Clinical Surgery.*

CHARLES W. DREW, PH. B., M. D.,

*Professor of Chemistry and Toxicology.*

HENRY J. O'BRIEN, M. D.,

*Professor of Clinical Surgery.*

CHARLES E. SMITH, M. D.,

*Professor of Clinical Medicine.*

EDUARD BOECKMAN, M. D.,

*Professor of Clinical Ophthalmology.*

ANTON SHIMONEK, M. D.,

*Professor of Clinical Gynaecology.*

C. A. MCCOLLOM, M. D.,

*Professor of Preventive and Legal Medicine and Medical Insurance.*

NORMAN DREISBACH, M. D.,

*Professor of Anatomy.*

WILLIAM GLENN, M. D.,

*Professor of Physical Diagnosis and Clinical Medicine.*



## OTHER INSTRUCTORS.

---

- P. M. HOLL, M. D.,  
*Clinical Professor of Paediatrics.*
- F. B. KREMER, D. D. S.,  
*Lecturer on Dental Pathology and Therapeutics.*
- M. C. JOHNSTON, M. D.,  
*Assistant Professor of Pathology.*
- ARNOLD SCHWYZER, M. D.,  
*Clinical Professor of Pathology.*
- GUSTAV A. RENZ, B. S., M. D., PH. D.,  
*Clinical Professor of Genito-Urinary Diseases.*
- JOSEPH W. BETTINGEN, M. D.,  
*Clinical Professor of Diseases of the Nose, Throat and Ear.*
- CHARLES J. MEADE, M. D.,  
*Associate Professor of Clinical Medicine.*
- CHARLES F. DENNY, M. D.,  
*Instructor in Clinical Medicine.*
- J. FRANK CORBETT, B. S., M. D.,  
*Assistant Professor of Bacteriology and Curator of the Museums.*
- EDGAR M. DUNN, B. A.,  
*Assistant Professor of Chemistry.*
- WILLIAM B. MURPHY, M. D.,  
*Demonstrator of Anatomy and Instructor in Clinical Chemistry.*
- FREDERICK LEAVITT, M. D.,  
*Instructor in Clinical Obstetrics.*
- F. A. KNIGHTS, M. D.,  
*Assistant Professor of Histology and Embryology.*
- R. M. PETERS, M. D.,  
*Demonstrator of Anatomy and Instructor in Medicine.*
- C. A. DONALDSON, M. D.,  
*Assistant Demonstrator of Anatomy.*
- C. H. BRADLEY, M. D.,  
*Instructor in Clinical Obstetrics.*
- 

### University Scholars Assisting in Laboratory Instruction.

- R. M. BURLINGAME,  
*In Therapeutics.*
- A. G. CHADBOURNE, PH. B.,  
*In Histology and Embryology.*
- G. M. F. ROGERS,  
*In Bacteriology.*
- EDWARD A. RICH, PH. B.,  
*In Histology and Embryology.*

## Calendar.

---

1899.

- Oct. 2—Monday. Entrance examinations, 9 A. M.  
Oct. 2—Monday. Examination for conditioned students, 1 P. M.  
Oct. 2—Monday. Opening lecture, 8 P. M.  
Oct. 3—Tuesday. College year begins; registration, 9 A. M.  
Nov. 15—Wednesday. Term tickets required for admission to lectures.  
Dec. 15—Friday. University day.

*Christmas vacation from Dec. 16, 1899, to Jan. 2, 1900.*

1900.

- Jan. 5—Friday. Second examination for conditioned students.  
Feb. 22—Thursday. Washington's birthday; a holiday.  
May 14—Monday. Final examinations begin.  
May 30—Wednesday. Memorial day, a holiday.  
June 7—Thursday. Commencement.

## Announcement.

---

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its seventeenth annual course of lectures on October 2, 1899, at 8:00 P. M., at which time the introductory address will be given by Prof. McCollom, in the college amphitheatre.

### HISTORY.

This college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, by Edwin Phillips, M. D., J. T. Moore, M. D., and others, for the purpose of elevating the standard of medical education throughout the northwest. For many years it struggled against bitter opposition, but always maintained its high standard for graduation. In 1893 the tide turned. It received strong additions to its faculty, and immediately increased the number of its students more than four-fold, which placed it at once on a firm financial basis.

In 1895 it was made the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

In the same year the course of study was lengthened to four years, beginning with the class entering for that session.

In 1896 the length of session was increased from six to eight months and notice was published that on and after the year 1900, a first grade high school diploma, or its equivalent, would be required for entrance, being the first school in the northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

A member of the Association of American Medical Colleges, the certificates and degrees granted by this institution are recognized by the best medical colleges in the United States.

## HOSPITALS.

The clinical facilities of this college are the best that can be obtained in the twin cities. The building being situated in the immediate vicinity of the three chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of all the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist Hospital, St. Barnabas and St. Mary's Hospitals, in Minneapolis; and the City and County Hospital, St. Joseph's, St. Luke's and Bethesda Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

## REQUIREMENTS FOR ADMISSION TO MEDICAL COLLEGES IN MINNESOTA.

### Entrance Examinations.

In accordance with an agreement between Hamline University and the University of Minnesota the requirements for admission to their Medical Departments, which represent all the medical schools of the state, will hereafter be uniform.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carlton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

Candidates who do not possess such qualifications will be required to pass an entrance examination which will be conducted by an examining board consisting of three members of the faculty of the college of Science, Literature and the Arts, appointed by the President of Hamline University. This examination will be of progressive quality in the two succeeding years.

In 1899 the requirements for admission will be:

1. An English Composition, of not less than two hundred words, upon a subject to be announced at the time of examination.
2. Elementary Algebra.
3. Physics.
4. Latin, Cæsar,—three books.
5. United States History.
6. Physiology.
7. Plane Geometry.

In 1900 the requirements will be the same as the requirements for admission to the freshman class of the college of Science, Literature and the Arts at the present time, and will be as follows:

1. English Composition and Rhetoric.
2. United States History.
3. History of Greece and Rome.
4. Physiology.
5. Physics.
6. Algebra.
7. Geometry.
8. Latin Grammar.
9. Cæsar, four books; Cicero, four orations; Virgil, four books, or German or French in lieu of Cicero and Virgil.

### ADMISSION TO ADVANCED STANDING.

Graduates of recognized universities and colleges, where the prescribed course in chemistry, history, etc., is equal to the work required in the first year of the graded course, may apply for admission to the second year class. The professors of histology, physiology and chemistry will pass upon the evidence presented by the student and have the power to require an examination if the certificates are not satisfactory.

Graduates from recognized colleges of dentistry, pharmacy and veterinary medicine, will be accorded credit for one year under the same conditions.

Students from other medical schools who apply for advanced standing must either pass examinations in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examinations, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

**REGISTRATION.**

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the fifteenth day of November in each year. Fees are payable to the Treasurer, and must be paid at the time of registration.

*Tickets of registration will be necessary for admission to all lectures after October 10th.*

## **Division of Subjects.**

---

The course of instruction in this college consists of a four years graded series of lectures, recitations, clinics and laboratory exercises, each session is of eight and a third months duration, and the subjects are arranged as follows:

### **FIRST YEAR.**

Histology and Embryology.  
Anatomy.  
Physiology.  
Chemistry.  
Materia Medica.

### **SECOND YEAR.**

Anatomy.  
Medical Chemistry and Toxicology.  
Physiology.  
Materia Medica.  
Pathology.  
Apparatus and Bandaging.

### **THIRD YEAR.**

Therapeutics.  
Surgical Anatomy.  
Pathology.  
Bacteriology.  
Paediatrics.  
Dermatology and Genito-Urinary Diseases.  
Obstetrics.  
Gynaecology.  
Theory and Practice of Medicine.  
Principles and Practice of Surgery.  
Physical Diagnosis and Clinical Medicine.

**FOURTH YEAR.**

Theory and Practice of Medicine.

Principles and Practice of Surgery.

Physical Diagnosis and Clinical Medicine.

Operative and Clinical Surgery.

Obstetrics.

Gynaecology.

Preventive and Legal Medicine and Medical Insurance.

Neurology.

Psychological Medicine.

Ophthalmology and Otology.

Laryngology.

Orthopaedic Surgery.

*No conditional student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the faculty.*



## Tabular View.

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
<i>Histology and Embryology.</i> <i>Histology Laboratory.</i> <i>General Chemistry.</i> <i>General Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>Medical Chemistry and Toxicology.</i> <i>Medical Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>*Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology.</i> <i>Pathology Laboratory.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Pædiatrics.</i> <i>Dermatology.</i> <i>Genito-Urinary.</i> <i>Rectal and Venereal Diseases.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Theory and Practice of Med.</i> <i>Prin. and Practice of Surgery.</i> <i>Physical Diagnosis and Clinical Medicine.</i>	<i>Theory and Practice of Medicine.</i> <i>Principles and Practice of Surgery</i> <i>Physical Diagnosis and Clinical Medicine.</i> <i>Operative and Clinical Surgery.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Preventive and Legal Medicine.</i> <i>Medical Insurance.</i> <i>Neurology.</i> <i>*Psychological Medicine.</i> <i>Ophthalmology and Otology.</i> <i>Laryngology.</i> <i>Orthopaedic Surgery.</i>

NOTE—Final examinations in all subjects in Italics. Attendance and Quizzes required in all other subjects.

\*Half session subjects.

## Course and Methods of Instruction.

---

### Anatomy.

The course in anatomy will consist of didactic lectures and practical exercises; with dissection, under the direction of the demonstrator. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available will be required to do all parts twice. The work in this branch covers two years instruction. Plates, diagrams, models and frozen sections are used freely in illustration.

*First Year.*—Three times a week throughout the session. Professor Dreisbach. Dissections daily from October to April, including full demonstration. Professor Dreisbach, Drs. Murphy, Peters and Donaldson.

*Second Year.*—Twice a week throughout the session. Professor Dreisbach. Dissection and demonstrations, Drs. Murphy, Peters and Donaldson. Recitations are held weekly in both years covering fully all lectures.

*Third Year.*—Surgical anatomy once a week during last half of session, with continual demonstration on the subject. Prof. Byrnes.

### Histology and Embryology.

Work in this subject includes lectures, laboratory exercises and recitations. Full time is given to laboratory technique to thoroughly familiarize the student with the microscope and laboratory methods. The earlier part of the session is given to vertebrate embryology. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for those whose means will not afford purchasing.

*First Year.*—Lectures or recitations twice a week throughout the session. Laboratory work two hours three times a week. Recitations each week. Assistant Professor Knights and Mr. Chadbourne.

## Physiology.

This branch is taught by means of didactic lectures, recitations and frequent demonstrations on the lower animals, illustrating digestion, absorption, secretion, the blood and its circulation and the nervous system. The student thus studies the body practically and demonstrates all vital phenomena.

*First Year.*—Four lectures a week, including recitations on all work covered. Prof. Barton.

*Second Year.*—Four lectures a week, work in the laboratory in experimental physiology and physiological chemistry in sections each week and recitations. Prof. Barton, Dr. Murphy.

## Chemistry.

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

*First Year.*—Three lectures a week continuing through the session, laboratory work two hours twice a week and recitations each week. Assistant Prof. Dunn.

*Second Year.*—Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Drew. Laboratory work three hours once a week throughout the session, including clinical chemistry.

## Materia Medica.

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs. An unusual amount of time is given to the study of this subject.

*First and Second Years.*—Two lectures a week through the year. Prof. Williams.

## Pathology.

This subject is taught by lectures, recitations, frequent written quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens, before the class. The study in this subject is very complete, covering the processes of disease and the general and special causes of

morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

*Second Year.*—Two lectures a week during the session. Prof. Irwin. Two recitations or quizzes each week. Laboratory work two hours twice a week in sections. Asst. Prof. Johnston.

*Third Year.*—Two lectures a week through the year. Prof. Irwin. Clinical pathology once a week, Clinical, Prof. Schwyzer, Asst. Prof. Corbett. Laboratory work two hours twice a week in sections. Asst. Prof. Johnston. Two recitations or quizzes each week. Asst. Prof. Johnston.

## Bacteriology.

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

*Third Year.*—Two lectures a week throughout the year; recitations each week. Prof. Irwin, Asst. Prof. Corbett. Practical laboratory exercises two hours once a week. Asst. Prof. Corbett.

## Therapeutics.

The work in this subject following the two years continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch together with lectures and demonstrations clinically under this and other chairs.

*Third Year.*—Two exercises a week through the year. Prof. Tupper.

## Theory and Practice of Medicine.

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This course extends through two years, final examination not being permitted till the end of the fourth year.

*Third Year.*—Two lectures a week through the session.

*Fourth Year.*—Two lectures a week through the session, with recitations each week on all ground covered. Prof. Moore, Dr. Peters.

## Diseases of the Chest.

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

*Third and Fourth Years.*—One lecture a week throughout the session. Prof. McDonald.

## Physical Diagnosis and Clinical Medicine.

The work in this department is commensurate with its importance and is thoroughly systematized. It consists in didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work is done in small sections, drilling the students in the observation and recognition of abnormal physical signs.

*Third Year.*—Lecture once a week through the season. Prof. Smith. General clinics twice a week in the hospital amphitheatres of the twin cities. Prof. Smith, Prof. Glenn and Associate Prof. Meade.

*Fourth Year.*—Lecture once a week through the year. Prof. Smith. General and section clinics twice a week. A great part of the work being in small sections with the personal attention of the instructors. Prof. Smith, Prof. Glenn and Associate Professor Meade and Dr. Denny.

## Dermatology.

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

*Third Year.*—Once a week during first half of session. Prof. Thomas.

## Genito-Urinary Diseases.

Lectures on the diseases of the sexual and urinary apparatus together with ample clinical study at the hospitals and dispensaries.

*Third Year.*—One lecture and clinic a week during the second half of the session. Prof. Thomas. Section clinics once a week through the session. Clinical Prof. Renz.

## Neurology.

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens, models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro therapeutics.

*Fourth Year.*—One lecture and one clinic a week for the entire session. Prof. Crafts.

## Psychological Medicine.

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

*Fourth Year.*—One lecture a week during first half of session. Prof. Bartlett.

## Surgery.

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

*Third and Fourth Years.*—Practice of Surgery, two lectures a week. Prof. Macdonald. Principles of surgery, one lecture a week. Prof. Hoegh.

## Clinical Surgery.

A two hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Profs. Macdonald and Hoegh and Clin. Prof. O'Brien. Operative surgery one exercise a week during second half year, including orthopaedics.

*Second Years.*—Instruction in apparatus and bandaging throughout the year.



## Ophthalmology and Otology.

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of these organs.

*Fourth Year.*—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, twice a week. Clinical Prof. Simpson. Clinic, three hours once a week. Prof. Boeckman.

## Diseases of the Nose and Throat.

Instruction in this subject consists of lectures and demonstrations in the clinic including practical training in the use of instruments, the class being divided into small sections as in other special clinics.

*Fourth Year.*—Didactic and clinical lectures throughout the session. Clinical Prof. Bettingen. Clinics in sections, each week at dispensaries and hospitals. Clinical Prof. Bettingen.

## Obstetrics.

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

*Third and Fourth Years.*—Three lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Dr. Leavitt and Dr. Bradley.

## Gynaecology.

The teaching in this subject for both third and fourth year classes combines didactic lectures, recitations and demonstrations, with clinical observation both in minor and operative gynaecology in sections at the dispensary of the college and the hospitals.

*Third and Fourth Years.*—Lectures twice a week. Prof. Phillips. Associate, Prof. Cary.

Clinics, fourth year, in sections twice a week. Clinical Professors Barton and Byrnes. Third and fourth year, once a week general clinic. Clinical Professor Shimonek.

## Preventive and Legal Medicine and Medical Insurance.

These combined subjects are grouped in a complete and sequent course falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, also the relations that medical science bears to legal questions, and finally the essentials of correct insurance examination.

*Fourth Year.*—One lecture a week Preventive Medicine, October, November, December. Legal Medicine, January, February. Medical Insurance, April, May. Prof. McCollom.

## Paediatrics.

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

*Third Year.*—One lecture a week throughout the year: Prof. Slagle. Clinics, each week in sections, in both cities. Clinical Prof. Holl, Dr. Denny.

## Dental Pathology and Therapeutics.

A course of didactic lectures on Pathological Conditions of the teeth and jaws, including the antrum and fractures of the maxillæ, and therapeutic measures relating to these, with which the student of medicine should be familiar.

*Fourth Year.*—One lecture a week for twelve weeks. *Dr. Kremer.* Clinical demonstrations at the Dispensary, in sections, once a week for twelve week. *Dr. Kremer.*



# Order of Instruction.

## FIRST YEAR.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Physiology, Room A. Prof. Barton.	Physiology, Room A. Prof. Barton.	Physiology, Room A. Prof. Barton.	Physiology, Room A. Prof. Barton.	Physiology, Conference. Prof. Barton.	
10-11	Anatomy, Room B. Prof. Dreisbach.		Anatomy, Room B. Prof. Dreisbach.	Histology, Laboratory.	Anatomy, Room B. Prof. Dreisbach.	Histology, Laboratory.
11-12	Histology, Room A. Asst. Prof. Knights.	Materia Medica, Room A. Prof. Williams.	Histology, Room A. Asst. Prof. Knights.	Asst. Prof. Knights.	Materia Medica, Room A. Prof. Williams.	Asst. Prof. Knights.
1-2	Chemistry, Room A. Asst. Prof. Dunn.	Chemistry, Laboratory.	Chemistry, Room A. Asst. Prof. Dunn.	Chemistry, Laboratory.	Chemistry, Room A. Asst. Prof. Dunn.	
2-3	Anatomy Laboratory.	Asst. Prof. Dunn.	Anatomy, Laboratory.	Asst. Prof. Dunn.	Anatomy, Laboratory.	
3-4	Dr. Murphy. Dr. Peters.	Anatomy, Laboratory. Dr. Peters. Dr. Murphy.	Dr. Murphy. Dr. Peters. Dr. Donaldson.	Anatomy, Laboratory. Dr. Peters. Dr. Murphy. Dr. Donaldson.	Dr. Murphy. Dr. Peters. Dr. Donaldson.	
4-5	Dr. Donaldson.	Dr. Donaldson.				

## SECOND YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology, Room A. Prof. Barton.	Physiology, Room A. Prof. Barton.	Physiology, Room A. Prof. Barton.	Physiology, Room A. Prof. Barton.	8:30 Physiological, Laboratory. Prof. Barton. Dr. Murphy.	Medical Chemistry, Laboratory. Asst. Prof. Dunn. Dr. Murphy.
10-11	Apparatus and Bandaging, Room B. Dr. Macnic.	Anatomy, Room B. Prof. Dreisbach.	Apparatus and Bandaging, Room B.	Anatomy, Room B. Prof. Dreisbach.	Apparatus and Bandaging, Room B.	
11-12		Material Medica. Prof. Williams.			Material Medica. Prof. Williams.	
2-3	Anatomy, Laboratory. Dr. Peters.	Anatomy, Laboratory. Dr. Peters. Dr. Donaldson.	Anatomy, Laboratory. Dr. Peters. Dr. Murphy. Dr. Donaldson.	Pathology, Laboratory. Asst. Prof. Johnston.	Anatomy, Laboratory. Dr. Peters. Dr. Murphy. Dr. Donaldson.	Pathology, Laboratory. Asst. Prof. Johnston.
4-5						
5-6	Pathology, Room A. Asst. Prof. Johnston.	Pathology, Room A. Prof. Irwin.		Pathology, Room A. Prof. Irwin.	Pathology, Room A. Asst. Prof. Johnston.	

THIRD YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Surgical, Clinic. Prof. Macdonald.	Practice of Surgery. Room C. Prof. Macdonald.	Medical, Surgical and Special Clinic, at St. Paul. (See Clinic Schedules.)	Theory and Practice. Room C. Prof. Moore.	Practice of Surgery. Room C. Prof. Macdonald.	Theory and Practice. Room C. Prof. Moore.
10-11	Prof. Hoegh, City Hospital, St. Barnabas Hospital.				Paediatrics, Room C. Prof. Slagle.	Principles of Surgery. Room C. Prof. Hoegh.
11-12	Paediatrics, Clinic. Cln. Prof. Hoell. City Hospital, Good Samaritan Dispensary.	Gynaecology, Clinic. Dr. Byrnes, Dr. Barton.		Gynaecology, Room A. Prof. Phillips.	Diseases of the Chest. Room C. Prof. McDonald.	Gynaecology, Room A. Prof. Phillips.
1-2	Medical Clinic. Prof. Glenn. Prof. Williams.	Bacteriology, Laboratory.		Clinical Physical Diagnosis, Sections. Prof. Glenn. Prof. Williams.		Surgical Anatomy, Prof. Byrnes.
2-3	City Hospital, Good Samaritan Dispensary.	Asst. Prof. Corbett.		Obstetrics, Room A. Prof. Hallowell.		
3-4		Obstetrics, Room A. Prof. Hallowell.		Therapeutics, Room C. Prof. Tupper.	Bacteriology, Room C. Asst. Prof. Corbett.	Dermatology and Genito-Urinary Dis. Room C. Prof. Thomas.
4-5	Dermatology. Clinic. Prof. Thomas.	Therapeutics, Room C. Prof. Tupper.		Pathology. Room A. Prof. Irwin.		
5-6		Pathology, Room A. Prof. Irwin.				

## FOURTH YEAR.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Surgical Clinic. Prof. Macdonald. Prof. Hoegh.	Practice of Surgery. Room C. Prof. Macdonald.		Theory and Practice. Room C. Prof. Moore.	Practice of Surgery. Room C. Prof. Macdonald.	Theory and Practice. Room C. Prof. Moore.
10-11	City Hospital. St. Barnabas Hospital. Asbury Hospital.				Medical Conference. Room C. Prof. McCollom.	Principles of Surgery. Room C. Prof. Hoegh.
11-12	Paediatrics, Clinic. Clinical Prof. Holl. City Hospital. Good Samaritan Dispensary.		Medical, Surgical and	Gynaecology. Room A. Prof. Phillips.	Diseases of the Chest. Room C. Prof. Macdonald.	Gynaecology. Room A. Prof. Phillips.
1-2	Medical Clinic. Prof. Glenn. Prof. Williams. City Hospital. Good Samaritan Dispensary.	Eye and Ear Clinic. Sections. Prof. Simpson. Gynaecology Clinic. Sections. Prof. Barton.	Special Clinics at St. Paul.  (See Clinic Schedules.)	Gynaecology Clinic. Sections. Prof. Barton. Good Samaritan Dispensary. Gynaecology. Sections. Prof. Glenn. City Hospital.	Eye and Ear Diseases. Room C. Prof. Spratt.	Clinical Medicine. Sections. Prof. Glenn. Eye and Ear Clinic. Sections. Prof. Simpson. Gynaecology Clinic. Sections. Prof. Barton.
2-3		Gynaecology Clinic. Sections. Prof. Byrnes. City Hospital. St. Mary's Hospital.			Psychological Medicine. Room C. Prof. Bartlett.	Preventive and Legal Medicine and Medical Insurance. Room C. Prof. McCollom.
3-4	Neurology, Clinic. Prof. Crafts.	Obstetrics. Room A. Prof. Hallowell.		Obstetrics. Room A. Prof. Hallowell. Dental Pathology and Therapeutics. Room A. Dr. Kremer.	Operative Surgery.	Cooking.
4-5		Neurology. Room A. Prof. Crafts.				

# Schedule of Minneapolis Clinics. EVERY WEEK.

Hour.	Monday.	Tuesday.	Thursday.	Saturday.
9-11	SURGERY. <i>Class.</i> Prof. Macdonald. Prof. Hoegh. City, St. Barnabas and Asbury Hospitals.			
11-12	PAEDIATRICS. <i>Sections.</i> Clin. Prof. Holl. City Hospital, Good Sa- maritan Dispensary.			
1-2	CLINICAL PHYSICAL, DIAGNOSIS. <i>Class.</i> Prof. Glenn. Prof. Williams. City Hospital, Good Sa- maritan Dispensary.	EYE AND EAR. <i>Sections.</i> Prof. Simpson. GYNAECOLGY. <i>Sections.</i> Prof. Barton. Good Samaritan Dispensary.  GYNAECOLGY. Prof. Byrnes. City and St. Mary's Hospitals.	GYNAECOL- OGY. <i>Sections.</i> Prof. Barton. Good Samaritan Dispensary.  GYNAECOL- OGY. <i>Sections.</i> Prof. Byrnes. City Hospital.	CLINICAL PHYSICAL, DIAGNOSIS. <i>Sections.</i> Prof. Glenn, City Hospital. Gynaecology. <i>Sections.</i> Prof. Barton. Good Samaritan Dispensary. Eye and Ear. <i>Sections.</i> Prof. Simpson. Good Samaritan Dispensary.
2-3				
3-4	NEUROLOGY. <i>Class.</i> Prof. Crafts. City and Asbury Hospitals.			
4-5	DERMATOLOGY. <i>Class.</i> Prof. Thomas.			

# Schedule of St. Paul Clinics. EVERY WEEK.

MONTH.	DAY.	Clinical Medical. 9-10 Prof. Smith. Asso. Prof. Meade City and County.	Gynaecology. 10-11 Prof. Shimonck. City and County.	Surgery. 11-12 Prof. O'Brien. City and County.	Pathology. 12-1 Clinical Prof. Schwyzer. City and County.
October.	4 11 18 25				
November.	1 8 15 22 29				
December.	6 13				
January.	3 10 17 24 31	St. Joseph, Bethesda or St. Lukes.	St. Joseph, Bethesda or St. Lukes.	St. Joseph, Bethesda or St. Lukes.	St. Joseph, Bethesda or St. Lukes.
February.	7 14 21 28				
March.	7 14 21 28				
April.	4 11 18 25				
May.	2 9				

# Schedule of St. Paul Clinics. EVERY TWO WEEKS.

MONTH.	DAY.	Ophthalmology. 2-5 Prof. Boeckman, Asso. Prof. Stewart.	Genito-Urinary. 2-3 Clinical Prof. Reuz.	Nose and Throat. 3-4 Clin. Prof. Bettingen.	Bedside Instructions. 4-5 Dr. Denny.	Clinical Obstetrics. Dr. Leavitt.
October.	4 11 18 25	Bethesda.	On Announcement.	On Announcement.	On Announcement.	On Announcement.
November.	1 8 15 22 29					
December.	6 13					
January.	3 10 17 24 31	Bethesda.				
February.	7 14 21 28					
March.	7 14 21 28					
April.	4 11 18 25					
May.	2 9					

## Text=Books.

---

The last edition of the following works are recommended as text-books and for collateral reading:

### ANATOMY.

*Text-books.*—Quain, Morris, Gray, Wilson, Holden's Landmarks. Treve's Applied Anatomy.

*Collateral Reading.*—Weisse's Practical Human Anatomy. McLellan's Regional Anatomy. Humphrey's Human Skeleton. Harrison Allen's Anatomy.

### HISTOLOGY AND EMBRYOLOGY.

*Text-books.*—Piersol, Klein, Minot.

*Collateral Reading.*—Marshall's Vertebrate Embryology. Schaefer's Essentials of Histology. Stohr's Manual of Histology. Quain's Anatomy.

### PHYSIOLOGY.

*Text-books.*—Foster, American Text-book of Physiology.

*Collateral Reading.*—Kirke's Handbook of Physiology. Waller, Human Physiology. Hermann's Lehrbuch der Physiologie. Haliburton's Text-book of Chemical Physiology. Fick, Compendium der Physiologie.

### GENERAL CHEMISTRY.

*Text-books.*—Remsen's Briefer Course. Appleton's Qualitative Analysis.

### MEDICAL CHEMISTRY.

*Text-books.*—Purdy's Ureanalysis and Urinary Diagnosis. Reese on Toxicology.

*Collateral Reading.*—Robert's Urinary and Renal Diseases. Ultzmann and Hoffmann's Atlas der Harnsedimente. Taylor on Poisons. Hammarsten's Physiological Chemistry. Vaughan and Novy's Ptomaines and Leucomaines.



## MATERIA MEDICA AND THERAPEUTICS.

*Text-books.*—White. Butler. Hare's Practical Therapeutics. Collateral Reading.—Brunton's Pharmacology, Therapeutics and Materia Medica. National Dispensatory. H. C. Woods's Therapeutics.

## PATHOLOGY.

*Text-books.*—Delafield and Prudden. Ziegler. Collateral Reading.—Ribbert, Pathologische Histologie. Mallory and Wright, Pathological Technique. Thoma, Pathologische Anatomie.

## BACTERIOLOGY.

*Text-books.*—Fraenkel. Abbott. Collateral Reading.—MacFarland, Heim, Sternberg.

## THEORY AND PRACTICE OF MEDICINE.

*Text-books.*—Wood and Fitz Practice of Medicine. Tyson's Practice of Medicine. Ander's Practice of Medicine. Collateral Reading.—Strumpell's Text-book of Medicine. Osler's Practice of Medicine. Pepper's System of Practical Medicine. Allbutt's System of Medicine. Eulenburg's Real-Encyclopaedia der Gesamten Heil-Kunde. Twentieth Century Practice of Medicine.

## PHYSICAL DIAGNOSIS AND CLINICAL MEDICINE.

*Text-books.*—Jakob, Atlas of Internal Medicine. Vierordt's Medical Diagnosis. Strümpell's Text-book of Medicine. Wood and Fitz, Practice of Medicine. Collateral Reading.—Osler's Practice of Medicine. Fagge and Pve-Smith's Practice of Medicine. Twentieth Century Practice of Medicine.

## PRINCIPLES AND PRACTICE OF SURGERY.

*Text-books.*—Roswell Park's Surgery. American Text-book of Surgery. Macdonald's Surgical Diagnosis and Treatment. Collateral Reading.—Cheever's Lectures on Surgery. Warren's Surgical Pathology. Stephen Smith's Operative Surgery. Treve's Manual of Operative Surgery. Dennis System of Surgery. Greig Smith's Abdominal Surgery.

**OBSTETRICS.**

*Text-books.*—Playfair. Parvin. American Text-book of Obstetrics. Hirst.

Collateral Reading.—Lusk's Manual of Midwifery. Schanta's Grandriss der Operativen Geburtshilfe. Reynold's Practical Midwifery. Kucher's Puerperal Convalescence.

**GYNAECOLOGY.**

*Text-books.*—Thomas and Munde's Diseases of Women. Byford. Penrose. Playfair. Massey.

Collateral Reading.—Skene's Diseases of Women. Keating and Cce's Clinical Gynaecology. Pozzi's Treatise on Gynaecology.

**PEDIATRICS.**

*Text-books*—J. L. Smith. Holt's Diseases of Infancy and Childhood. Starr. Rotch's Pediatrics.

Collateral Reading.—Jacobi's Therapeutics of Infancy and Childhood. Kaeting's Cyclopaedia of the Diseases of Children.

**NERVOUS DISEASES.**

*Text-books.*—Dercum's Nervous Diseases by American Authors. Mills' The Nervous System and its Diseases. Gowers' Diseases of the Nervous System. Bramwell's Diseases of the Spinal Cord.

Collateral Reading.—Dana's Text-Book of Nervous Diseases. Strümpell's Text-book of Medicine. Sachs' Nervous Diseases of Children. Herter's Manual of Diagnosis of Nervous Diseases.

**MENTAL DISEASES.**

*Text-books.*—Clouston. Spitska. Chapin.

Collateral Reading.—J. Bevan Lewis. Hyslop, Mental Physiology. Kraepelin, Psychiatrie. Tuke's Dictionary of Psychiatric Medicine.

**DERMATOLOGY.**

*Text-books.*—Crocker. Kaposi. Morrow.

Collateral Reading.—Duhring. Hyde. Robinson. Besnier. Van Harlingen. Taylor.

**GENITO-URINARY.**

*Text-books.*—Keyes. Harrison. Morrow.

## PREVENTIVE MEDICINE.

*Text-books.*—Wilson's Handbook of Hygiene. Richardson's Preventive Medicine.

*Collateral Reading.*—Buck's Hygiene and Public Health. Cope-  
lin and Bevan's Practical Hygiene.

## LEGAL MEDICINE.

*Text-books.*—Taylor's Manual of Medical Jurisprudence.

*Collateral Reading.*—Witthaus and Becker. Reese's Medical Jurisprudence. Hamilton's American System of Legal Medicine. Tidy's Legal Medicine.

## OPHTHALMOLOGY.

*Text-books.*—Fricke. Noyes.

*Collateral Reading.*—Schweinitz. Fuchs. Loring on the Ophthalmoscope. Landolt on Refraction and Accomodation.

## OTOLOGY AND RHINOLOGY.

*Text-books.*—Field. Politzer. Hovell, Diseases of the Ear and Naso-Pharynx and Ear.

*Collateral Reading.*—Buck's Manual of Diseases of the Ear. Schwartz, Handbuch der Ohrenheilkunde. Bosworth.

## CLINICAL MICROSCOPY.

*Text-books.*—Simons' Manual of Clinical Diagnosis.

*Collateral Reading.*—Cabot's Clinical Examination of the Blood. Von Jaksch's Clinical Diagnosis. Lenhartz' Mikroskopie u Chemie am Krankenbett.

## MEDICAL DICTIONARIES.

Lippincott's Medical Dictionary. Gould's Medical Dictionary. Foster's Encyclopaedic Medical Dictionary. Dunglison's Medical Dictionary.

## EXAMINATIONS.

The final examination in every subject is held at the close of the school year. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly held at the end of each term. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on

opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued, showing the results of examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 80 per cent of the lectures.

The reports of examinations will be mailed to the students at the college or at such other addresses as they may direct, at the earliest possible moment after the examinations are completed, and they must not call on the examiners or the Dean for reports.

### REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D., C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least eight months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

### FEES AND EXPENSES.

Students of this college will be uniformly charged as follows:  
Matriculation fee, payable first year of attendance only . . \$5.00

General ticket, payable each year of attendance, (including all charges for lectures, clinics, examinations, diplomas, etc.) . . . . . 65.00

Students who have attended three full courses of instruction in this college will be required to pay for their fourth course . . . . . 35.00

Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of . . . . . 50.00

Use of school microscopes, per term . . . . . 3.00

Material in practical anatomy, per part. . . . . 7.50

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

*Fees are paid invariably in advance, or by giving a bond.*

*No fees are returned.*

*The college reserves the right to change the fees at any time through publication in its annual announcement.*

*Should the new building be completed in time for this session, the fees will be increased about \$15.00 a session, including this session.*

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

### BOARD AND LODGING.

The expenses of living in Minneapolis is less than other large cities. During the past year most students have been able to reduce their board and room-rent to less than \$20.00 a month, and this sum may be looked upon as adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

LEO M. CRAFTS, M. D., DEAN,  
606 Masonic Temple,  
Minneapolis, Minn.

## Students.

---

### COURSE FOR GRADUATES.

AMY, JENNIE, M. D.,	<i>Minneapolis</i>
BRIGGS, TITUS C., M. D.,	<i>Minneapolis</i>

### FOURTH YEAR.

BURLINGAME, ROBERT M.,	<i>Minneapolis</i>
DENTON, LYMAN W., M. D., PH. D.,	<i>Minneapolis</i>
DONAHUE, DAVID J.,	<i>Richmond, Wis.</i>
HEIMARK, OLAI E.,	<i>Clarkfield</i>
HYNES, JAMES,	<i>Minneapolis</i>
JAMES, ROBERT J.,	<i>Minneapolis</i>
JONES, JAMES D.,	<i>Ipswich, S. D.</i>
LOBERG, ADOLPH E.,	<i>Minneapolis</i>
KIRKHOFF, EDWARD H.,	<i>Melrose</i>
MASON, CHARLES H.,	<i>Eau Claire, Wis.</i>
MILLER, FRED C.,	<i>Minneapolis</i>
OBERG, CARL M.,	<i>Minneapolis</i>
RASMUSSEN, FREDERICK P.,	<i>Moorhead</i>
ROBERTS, FLOYD J.,	<i>Devils Lake, N. D.</i>
ROGERS, GEORGE M. F.,	<i>Minneapolis</i>
SASSE, ERNEST G.,	<i>Vienna, S. D.</i>
SCANLON, DANIEL L.	<i>Sanborn, N. D.</i>
WILLIS, ELLEN E. A.,	<i>Minneapolis</i>

### THIRD YEAR.

BROWN, EDWARD I.,	<i>St. Paul</i>
BIORN, NELS A.,	<i>Zumbrota</i>
CHADBOURNE, ALFRED J., PH. B.,	<i>Redwood Falls</i>
FONGER, JAMES H.,	<i>Gary, S. D.</i>
GREGOIRE, JOSEPH A.	<i>Eau Claire, Wis.</i>
HOBART, JAS. P.,	<i>Eagle River, Wis.</i>
HOUSTON, HUGH E.,	<i>Wood Lake</i>
HOVE, JOHN J.,	<i>Minneapolis</i>



KOHLER, GEORGE A., PH. G.,	<i>Minneapolis</i>
KREIDT, DAVID G.,	<i>Minneapolis</i>
MCKEON, OWEN,	<i>Henderson</i>
MILLER, VICTOR I.,	<i>Kasson</i>
OBERG, EMIL,	<i>Minneapolis</i>
O'CONNOR, JERRY P.,	<i>Marysburg</i>
PECK, ARTHUR E., D. D. S.,	<i>Minneapolis</i>
RAY, ROBERT H., B. A.,	<i>Crookston</i>
SCHEFCIK, J. FRANCIS, PH. G.,	<i>Glencoe</i>
SHERPING, ERIC, TH. B. A.,	<i>Enderlin, N. D.</i>
SKOGEN, THOMAS T.,	<i>Hoder</i>
SHELLAND, JOHN T.,	<i>Minneapolis</i>
VAN KIRK, FRANK J.,	<i>Minneapolis</i>
WALKER, STUART B.,	<i>Buffalo</i>

SECOND YEAR.

ALLEN, JOSEPH M., D. V. S.,	<i>Wheaton</i>
ATWOOD, CHARLES H. T., B. A.,	<i>Minneapolis</i>
BAKER, ALBERT C., B. A.,	<i>Devils Lake, N. D.</i>
BURTON, PAUL H.,	<i>Minneapolis</i>
CARLSON, SWAN A.,	<i>St. Paul</i>
CARPENTER, GRANT S.,	<i>Minneapolis</i>
DORAN, CHARLES W., B. A.,	<i>Brandon, Manitoba</i>
EAGAN, ALONZO,	<i>Odessa</i>
ESSEN, C. WALTER,	<i>Minneapolis</i>
FOX, JOHN M.,	<i>Corcoran</i>
GIERE, JOSEPH C., B. S.,	<i>Madison</i>
GOLBERG, MARTIN L., B. S.,	<i>Kenyon</i>
GRONVOLD, FREDERICK O.,	<i>Norway</i>
HARMON, HORACE E.,	<i>De Smet, S. D.</i>
KRON, LOUIS O.,	<i>Rothsay</i>
LUTHER, MRS. C. M.,	<i>Minneapolis</i>
MELLBY, OSCAR F.,	<i>New Richland</i>
MOORE, GEORGE B.,	<i>Maple Lake</i>
MURPHY, GUY D.,	<i>Delano</i>
MUUS, PETER H., B. A.,	<i>Norway</i>
OFTEDAL, ARNE,	<i>Buxton, N. D.</i>
RICH, EDWARD A., PH. B.,	<i>St. Paul</i>
SCHULTZE, FREDERICK P.,	<i>Marengo, Iowa</i>
SPEAR, EDGAR D.,	<i>Minneapolis</i>
STURGEON, FRANK H.,	<i>Edgerly, N. D.</i>
SWENSON, AXEL W.,	<i>St. Paul</i>
THEISSEN, WILLIAM M.,	<i>Henderson</i>
VON WEDELSTAEDT, B.,	<i>St. Paul</i>

## FIRST YEAR.

ATWOOD, CHARLES H.,	<i>Minneapolis</i>
BIRKELO, PETER C.,	<i>Terryville</i>
BROWN, JOHN E.,	<i>Minneapolis</i>
BRUSTAD, AXEL,	<i>Minneapolis</i>
BUCKLIN, MRS. ANNIE M.,	<i>Hendricks</i>
COHEN, L. GILBERT,	<i>Minneapolis</i>
CRAMOND, JAMES E.,	<i>Langdon, N. D.</i>
HAMRE, BERGE M.,	<i>Minneapolis</i>
HELK, HENRY H.,	<i>Minneapolis</i>
HIRSCHFIELD, MAX P.,	<i>Minneapolis</i>
HOLEN, THORVALD,	<i>Minneapolis</i>
HOUSTON, RODERICK,	<i>Wood Lake</i>
JENNINGS, RALEIGH E.,	<i>Redwood Falls</i>
JOHNSON, DAVID,	<i>Harcourt, Iowa</i>
JOHNSON, OTTO F.,	<i>St. Paul</i>
JONSON, AUGUST E.,	<i>Minneapolis</i>
KAHALA, ARTHUR A.,	<i>Minneapolis</i>
KENNEDY, WILLIAM J., B. A.,	<i>Minneapolis</i>
KLING, FRITZ L.,	<i>Minneapolis</i>
KOSHALA, JOSEPH,	<i>Persia</i>
LUND, OSCAR F.,	<i>St. Paul</i>
MCCANN, GEORGE E.,	<i>Omaha</i>
MCDUGALD, WILLIAM D. S.,	<i>Minneapolis</i>
MCKEY, EDWARD M.,	<i>Minneapolis</i>
MASSEY, WILLIAM P.,	<i>Rochester</i>
MERTEN, JOHN J.,	<i>Alma City</i>
MITCHELL, RALPH S.,	<i>Washburn</i>
MORRILL, HARLAN J.,	<i>Wahpeton, N. D.</i>
NICHOLSON, EDWARD,	<i>Rosemont, N. D.</i>
OGG, JOHN G.,	<i>Minneapolis</i>
PASKO, GEORGE W.,	<i>Minneapolis</i>
PLEHN, JOHN F.,	<i>Minneapolis</i>
POTTNER, MAY,	<i>Minneapolis</i>
POWERS, FLETCHER W.,	<i>St. Paul</i>
QUITMEYER, OTTO C.,	<i>Parkers Prairie</i>
ROAN, H. ACTON,	<i>St. Charles</i>
SANDBORG, FREDERICK S.,	<i>Minneapolis</i>
SCHLUTZ, FREDERICK W., B. A.,	<i>Elkton</i>
SCHRYVER, JOSEPH H.,	<i>Minneapolis</i>
SHERMAN, LEE A.,	<i>Minneapolis</i>
SIVERTSEN, IVER,	<i>Minneapolis</i>
SMITH, ROBERT R.,	<i>Minneapolis</i>



STRECH, ERWIN D.,	<i>Minneapolis</i>
SWAINEY, SVEN,	<i>Minneapolis</i>
TINGDALE, AUGUST C.,	<i>Minneapolis</i>
WORRELL, WALTER F.,	<i>Minneapolis</i>
WOODARD, ADELAIDE,	<i>St. Paul</i>

## SPECIALS.

BAILIE, WILLIAM,	<i>Minneapolis</i>
COOPER, MRS. F. D.,	<i>Minneapolis</i>
MOORE, MRS. F. E.,	<i>Minneapolis</i>
PECK, EVA A.,	<i>Minneapolis</i>
PETERSON, ALEX F.,	<i>East Grand Forks</i>
SHERMAN, HUBERT,	<i>Minneapolis</i>
SWENSON, CHARLES,	<i>Rush City</i>
WHITTEMORE, A. A.,	<i>Pittsburg, N. D.</i>

## SUMMARY.

In Course for Graduates . . . . .	2
Fourth year . . . . .	18
Third year . . . . .	22
Second year . . . . .	28
First year . . . . .	47
Specials . . . . .	8
Total . . . . .	<hr/> 125

## DEGREES.

On commencement day, Thursday, June 9, 1898, degrees were conferred as follows:

## M. D., C. M.

CARTER, JOSEPH ARRON, B. A.,	<i>Minnesota</i>
CLARK, EDWARD J.,	<i>Minnesota</i>
DORAN, JOHN EDMUND,	<i>Manitoba</i>
GLIM, NELS NELSON,	<i>Illinois</i>
JOHNSON, LEWIS OLAF,	<i>Minnesota</i>
KJELLAND, JACOB SEVERN,	<i>Minnesota</i>
KJELLAND, THORSTEN N.,	<i>South Dakota</i>
LYONS, ADAM,	<i>Minnesota</i>
MOORE, FRANCIS, ALDEN,	<i>South Dakota</i>
OBERG, OSCAR,	<i>Minnesota</i>

**Alumni.**


---

ATHERTON, C. O., . . . . .	1891
BAIER, FLORENCE C., . . . . .	1897
BAKKE, OLE, . . . . .	1896
BLISS, GEORGE WILLIS, . . . . .	1895
BERGQUIST, CARL E., . . . . .	1897
BEVAN, CHARLES J., . . . . .	1897
BJORNEBY, PETER C., . . . . .	1897
BLOMBURGH, AXEL F., . . . . .	1897
BLAKESLEE, FRANK, . . . . .	1897
BONG, JOHN H., . . . . .	1897
BEMIS, CATHERINE A., . . . . .	1886
CARTER, JOSEPH A., B. A., . . . . .	1898
CHURCH, RICHARD J., . . . . .	1895
CLARK, EDWARD J., . . . . .	1898
CLAU, EDWARD M., . . . . .	1893
CONYNGHAME, E. F., . . . . .	1886
CRESWELL, WILLIS W., . . . . .	1897
DAILY, MILTON, . . . . .	1895
DAVID, OSCAR F., . . . . .	1893
DEALEY, JULIA, . . . . .	1897
DOBSON, WILLIAM C., . . . . .	1896
DINAHAN, RICHARD M., . . . . .	1897
DORAN, JOHN E., . . . . .	1898
DUMAS, CALIXTE H. D., . . . . .	1896
DOUGLAS, ELMER E., . . . . .	1894
DYRNES, JOHN O., . . . . .	1897
EGAN, MICHAEL, . . . . .	1891
ESSEN, CARL A. C., . . . . .	1895
FARNESS, C. W., . . . . .	1888
FARR, JOHN M., . . . . .	1897
FLATTEN, AMOS, . . . . .	1890
FLEMING, ALOYSIOUS S., . . . . .	1897
FOWLER, FRED H., . . . . .	1897
GENDRON, JULES, . . . . .	1896
GLIM, NELS N., . . . . .	1898
GORDON, DAVID, . . . . .	1897
GYLLENBURG, JENNIE, . . . . .	1890
HEFFLIN, H. NELSON, . . . . .	1895
HALVORSON, K. K., . . . . .	1889
HELGERSON, SIGRID, . . . . .	1894

HETLAND, C. L., . . . . .	1893
HOVORKA, WENCESLAUS, . . . . .	1897
HUBBARD, EDWARD E., . . . . .	1894
JACKSON, CAROLYNE E., . . . . .	1897
JAMESON, ADELINE P., . . . . .	1895
JERMAN, WILLIAM L., . . . . .	1897
JOHNSON, LEWIS O., . . . . .	1898
KILBRIDE, THOMAS F., . . . . .	1894
KJELLAND, JACOB S., . . . . .	1898
KJELLAND, THORSTEN N., . . . . .	1898
KNOTZ, JOHN, . . . . .	1897
KOHLER, FRED G., . . . . .	1897
KOPPLEBERGER, HARRY W., . . . . .	1897
KRESEL, W. A., . . . . .	1897
LEWIS, ARTHUR J., . . . . .	1895
LIND, CARL J., . . . . .	1897
LOCKWOOD, LEBARON S. O., . . . . .	1894
LOWTHIAN, GEORGE H., . . . . .	1894
LYONS, ADAM, . . . . .	1898
MALCHOW, CHARLES W., . . . . .	1894
McCOHN, HANNAH, . . . . .	1890
McKEON, PHILIP, . . . . .	1895
McKEON, JAMES, . . . . .	1890
MILLER, ROCH P., . . . . .	1898
MILLER, HUGO, . . . . .	1896
MOORE, FRANCIS A., . . . . .	1893
MONOHAN, P. H., . . . . .	1886
MURPHY, WILLIAM B., . . . . .	1897
MURRAY, WILLIAM B., . . . . .	1890
OBERG, OSCAR, . . . . .	1898
O'BRIEN, H. JEFFERSON, . . . . .	1895
OLSON, JENNIE, D. M. D. . . . .	1890
OWRE, ALFRED, . . . . .	1895
ROYCE, ROLAND, . . . . .	1885
RAINVILLE, SAMUEL, . . . . .	1897
RALEIGH, ROSWELL B., . . . . .	1894
REEVE, EDWARD A. T., . . . . .	1897
REMICK, LOUIS B., . . . . .	1895
RIDGWAY, ALEXANDER, . . . . .	1894
RIDGWAY, JOSEPH, . . . . .	1894
REINHARDT, WALLACE A., . . . . .	1896
ROSENTHAL, SIGMOND, . . . . .	1896
RYAN, JENNIE, . . . . .	1893

SCANLON, WILLIAM, . . . . .	1896
SCHLEGEL, HENRY E., . . . . .	1897
SCOTT, ERNEST H., . . . . .	1888
SIMPSON, J. K., . . . . .	1884
SOUR, STEPHEN D., . . . . .	1896
SHULEAN, NELLIE, . . . . .	1893
TANNER, FRANCIS G., . . . . .	1895
TAYLOR, HENRY H., D. M. D., . . . . .	1895
TESSIER, W. O., . . . . .	1887
TREAT, VEEDER G., . . . . .	1894
TUKE, HENRY C., . . . . .	1896
VANDAMME, WILLIAM, . . . . .	1885
VELINE, OLAF J., . . . . .	1897
WARHAM, T. T., . . . . .	1897
WARNE, EDWIN G., D. D. S., . . . . .	1897
WATSON, CHARLES W., . . . . .	1897
WENDT, SAMUEL M., . . . . .	1897
WHETSTONE, RAY S., . . . . .	1897
WHITING, ARTHUR F., D. M. D., . . . . .	1895
WIG, IVER C. J., . . . . .	1896
WILCOX, T. E., . . . . .	1897
WILLIAMS, THEODORE F., . . . . .	1890
WILLIAMSON, LUTIE L. S., . . . . .	1897
WITHROW, MORRILL E., . . . . .	1897
YOUNG, EUGENE W., . . . . .	1896

## **Alumni Association of the Medical Department.**

(Minneapolis College of Physicians and Surgeons.)

ORGANIZED APRIL 11, 1894.

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

## Summary of Students.

### College of Liberal Arts.

Post Graduate . . . . .	11	
Senior Class. . . . .	24	
Junior Class. . . . .	24	
Sophomore Class . . . . .	25	
Freshman Class . . . . .	38	
College Specials. . . . .	59	170

### Preparatory Department.

Third Year. . . . .	17	
Second Year. . . . .	31	
First Year. . . . .	68	116
Department of Elocution. . . . .	21	
Department of Music. . . . .	18	
Department of Medicine. . . . .	125	
Total. . . . .	461	
Counted Twice. . . . .	34	
Total Enrollment. . . . .	427	

## INDEX.

Admission . . . . .	16, 54
Advanced Standing . . . . .	16, 55
Alumni Association . . . . .	86
Board . . . . .	44, 79
Calendar . . . . .	2, 52
College of Liberal Arts . . . . .	5
College of Medicine . . . . .	47
Conference Visitors . . . . .	4
Corporation . . . . .	3
Courses of Instruction . . . . .	14, 18, 31, 37, 60
Degrees . . . . .	17, 78
Divinity School . . . . .	46
Elocution . . . . .	39
Examinations . . . . .	16, 77
Executive Committee . . . . .	4
Expenses . . . . .	45, 78
Faculty . . . . .	6, 49
General Information . . . . .	43, 53
Ladies' Hall . . . . .	44
Library . . . . .	43
Location . . . . .	43
Music . . . . .	41
Museum . . . . .	29
Officers of the Board . . . . .	4
Preparatory Department . . . . .	33
Physical Culture . . . . .	43
Religious Services . . . . .	46
Rooms . . . . .	44
Societies . . . . .	46
Students . . . . .	8, 33, 80
Summary of Students . . . . .	87
Trustees . . . . .	3, 48









UNIVERSITY OF ILLINOIS-URBANA



3 0112 111964562